

20040117.qrp v03_n168.qrl.20040117

Date: Sat, 17 Jan 2004 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3168

QRP-L Digest 3168

Topics covered in this issue include:

- 1) [165513] fried my hw-8... need help from hw-8 pro..
by sergio <sergio@village-buzz.com>
- 2) [165514] RE: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***
by "JBCrafts" <jbcraft@adelphia.net>
- 3) [165515] OT: Measuring Ground Resistance
by "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
- 4) [165516] Re: fried my hw-8... need help from hw-8 pro..
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 5) [165517] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***
by KJ7UN <kj7un@kj7un.com>
- 6) [165518] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!

by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 7) [165519] Off the air...
by "sslyon" <sslyon@megalink.net>
- 8) [165520] Another (solder) SMT Breadboard
by Ed Tanton <n4xy@earthlink.net>
- 9) [165521] Re: OT: Measuring Ground Resistance
by Bruce Muscolino <w6toy@erols.com>
- 10) [165522] Who Makes Good AD9850 Digital VFO Boards??
by "Steve" <sswhite@mchsi.com>
- 11) [165523] Re: OT: Measuring Ground Resistance
by Michael Neverdosky <mikenever@earthlink.net>
- 12) [165524] GPS Interface Question
by Jim Ford <n6jff@comcast.net>
- 13) [165525] Re: Who Makes Good AD9850 Digital VFO Boards??
by "John J. McDonough" <wb8rcr@arrl.net>
- 14) [165526] Re: Toroids and magnets
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 15) [165527] RE: [qrp-l] Re: non-polarized electrolytic
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 16) [165528] RE: [qrp-l] Re: non-polarized electrolytic
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 17) [165529] RE: GPS Interface Question
by "JBCrafts" <jbcraft@adelphia.net>

- 18) [165530] RE: Who Makes Good AD9850 Digital VFO Boards??
by "John A. Wells" <sidni@swbell.net>
- 19) [165531] RE: GPS Interface Question
by "Paul Womble" <pwomble@earthlink.net>
- 20) [165532] SOLD OUT! Digi swr/pwr meter
by Steven Weber <kd1jv@moose.ncia.net>
- 21) [165533] How to QRP with CRV3s
by Richard Lourette <lourette@frontiernet.net>
- 22) [165534] Re: Another QRP Beacon 7.090 mghz
by "Bill Linn" <wlinn@smsgazette.com>
- 23) [165535] FS: Swan WM-1500 wattmeter// MFJ 971 QRP tuner
by "NZ8J" <nz8j@woh.rr.com>
- 24) [165536] Re: Who Makes Good AD9850 Digital VFO Boards??
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 25) [165537] FS: Lectrokit 30 meter Transceiver
by "NZ8J" <nz8j@woh.rr.com>
- 26) [165538] Re: How to QRP with CRV3s
by "Bruce Kizerian" <kizerian@xmission.com>
- 27) [165539] Re: Measuring Ground Resistance
by "Leon Heller" <leon_heller@hotmail.com>
- 28) [165540] Re: Who Makes Good AD9850 Digital VFO Boards??
by "Leon Heller" <leon_heller@hotmail.com>
- 29) [165541] Re: 30 meter beacon test run
by Tom Severt <n2uhc@yahoo.com>
- 30) [165542] Re: OT: Measuring Ground Resistance
by "Don Jackson (AE5K)" <don1103@azark.com>
- 31) [165543] Re: Who Makes Good AD9850 Digital VFO Boards??
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 32) [165544] Re: Another QRP Beacon 7.090 mghz
by "Bill Linn" <wlinn@smsgazette.com>
- 33) [165545] Iraq on the air!!!!
by PMdc361@aol.com
- 34) [165546] To go with your ScQRPion paddles...
by Dale Botkin <dale@botkin.org>
- 35) [165547] Re: Who Makes Good AD9850 Digital VFO Boards??
by "Leon Heller" <leon_heller@hotmail.com>
- 36) [165548] Re: Measuring Ground Resistance
by Peter Burbank <peterlee@qnx.net>
- 37) [165549] Lithium and Lithium-ion
by Karl Larsen <k5di@zianet.com>
- 38) [165550] Re: Lectrokit 30 meter Transceiver ***SOLD***
by "NZ8J" <nz8j@woh.rr.com>
- 39) [165551] Tenna Dipper kits have been taken out of retirement
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 40) [165552] VE4WI - Preliminary Fox Log
by "winchar@res1.mts.net" <winchar@mts.net>
- 41) [165553] Re: Who Makes Good AD9850 Digital VFO Boards??
by VE3JC John Cumming <jbcumming@wwdc.com>

- 42) [165554] Soldering DDS AD9850 to PCB
by John R Kirby <n3aaz-qrp@juno.com>
- 43) [165555] Surplus Parts
by "Brian Murrey" <brian@iquest.net>
- 44) [165556] Color Code "poem"
by Al Scanandoah <k2zn@rochester.rr.com>
- 45) [165557] ARRL rig reviews QSK test...
by <bill@n4qa.com>
- 46) [165558] Book on alternative power? (resend)
by ARDUJENSKI@aol.com
- 47) [165559] Sunday Morning SSB/CW QRP Net *NEW TIME*
by "Ken La Rose" <kenlar@csolve.net>
- 48) [165560] Re: Color Code "poem"
by "Frank Emens" <femens@hiwaay.net>
- 49) [165561] Re: Lithium and Lithium-ion
by "Bud Haynes" <kv7g@toast.net>
- 50) [165562] Re: ARRL rig reviews QSK test...
by Al Scanandoah <k2zn@rochester.rr.com>
- 51) [165563] Re: ARRL rig reviews QSK test...
by "Brad Hedges" <bhedges@nc.rr.com>
- 52) [165564] Antenna Analyzer
by Ed Tanton <n4xy@earthlink.net>
- 53) [165565] Re: Color Code "poem"
by "Jim Sheldon" <w0eb@cox.net>
- 54) [165566] Re: Color Code "poem"
by Dale Botkin <dale@botkin.org>
- 55) [165567] Re: Color Code "poem"
by <bill@n4qa.com>
- 56) [165568] Re: Swan WM-1500 wattmeter// MFJ 971 QRP tuner **SOLD**
by "NZ8J" <nz8j@woh.rr.com>
- 57) [165569] Re: Color Code "poem"
by "Larry Przyborowski" <k3peg@comcast.net>
- 58) [165570] Re: Lithium and Lithium-ion
by Karl Larsen <k5di@zianet.com>
- 59) [165571] Re: [Antennas] Antenna Analyzer
by "George, W5YR" <w5yr@att.net>
- 60) [165572] RE: [fpqrp] Surplus Parts
by "Ken Alexander" <kpathai@hotmail.com>
- 61) [165573] Re: [fpqrp] Surplus Parts
by "Brian Murrey" <brian@iquest.net>
- 62) [165574] Re: Color Code "poem"
by Rob Matherly <jimrob@jetnetinc.net>
- 63) [165575] TT Scout/Argo 556 Band modules don't fit well?
by Michael Babineau <michael.babineau@sympatico.ca>
- 64) [165576] Cable weight
by "pschweit" <pschweit@mninter.net>
- 65) [165577] Cable for ScQRPion paddles
by "John" <johndorson@worldshare.net>

- 66) [165578] re: Color code poem
by Jim Ford <n6jff@comcast.net>
- 67) [165579] RE: [fpqrp] Surplus Parts
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 68) [165580] RE: [qrp-l] ARRL rig reviews QSK test...
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 69) [165581] RE: [qrp-l] Who Makes Good AD9850 Digital VFO Boards??
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 70) [165582] RE: [fpqrp] Surplus Parts
by Ed Tanton <n4xy@earthlink.net>
- 71) [165583] Re: Color Code "poem"
by Al Scanandoah <k2zn@rochester.rr.com>
- 72) [165584] Re: ARRL rig reviews QSK test...
by "Bob Schreibmaier" <k3ph@ptd.net>
- 73) [165585] Fw: [SOC] Ever tried CWCom?
by "Lee Hopper" <leehopp@msn.com>
- 74) [165586] diode protection..
by sergio <sergio@village-buzz.com>
- 75) [165587] RE: [qrp-l] ARRL rig reviews QSK test...
by <bill@n4qa.com>
- 76) [165588] RE: [qrp-l] ARRL rig reviews QSK test...
by Karl Larsen <k5di@zianet.com>
- 77) [165589] multiPIG+ #14: QRV on 17!
by Lloyd Lachow <llachow@yahoo.com>
- 78) [165590] 28mhz
by Wayne Rogers <w5kdj@juno.com>
- 79) [165591] 10 meters open
by "John Cook" <otterc@earthlink.net>
- 80) [165592] RE: diode protection..
by "Ray Goff" <radioham@gmx.co.uk>
- 81) [165593] First Hellschreiber QSO with the Modified PSK-20
by "Jim Sheldon" <w0eb@cox.net>
- 82) [165594] CPCW-5 Cake Pan QRP Tube Transmitter for sale
by Karl Heimbach <kheimbach@ev1.net>
- 83) [165595] SMT adaptor boards??
by Stephen Wandling <stephen@SwiftsureConsulting.com>
- 84) [165596] Fwd: R: Antenna Analyzer
by Ed Tanton <n4xy@earthlink.net>
- 85) [165597] RE: [qrp-l] diode protection..
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 86) [165598] Re: Who Makes Good AD9850 Digital VFO Boards??
by Stephen Wandling <stephen@SwiftsureConsulting.com>
- 87) [165599] RE: [fpqrp] Surplus Parts
by "PHILIP DECAIRE" <pedecaire@email.msn.com>
- 88) [165600] Ten open again
by Karl Larsen <k5di@zianet.com>
- 89) [165601] RUN FOR THE BACON
by "Jerry Ford" <benlightnd13@mchsi.com>

- 90) [165602] Re: SMT adaptor boards??
by Mik Ishmael <mightymik2@comcast.net>
- 91) [165603] stereo Phone plugs
by "Rich Johnson" <rjohnson390@comcast.net>
- 92) [165604] Re: Who Makes Good AD9850 Digital VFO Boards??
by "John J. McDonough" <wb8rcr@arrl.net>
- 93) [165605] Re: Fwd: R: Antenna Analyzer
by <n2go@arrl.net>
- 94) [165606] Vintage Radio Cake Pan Transmitter has been sold
by Karl Heimbach <kheimbach@ev1.net>
- 95) [165607] 30 meter beacon
by Tom Severt <n2uhc@yahoo.com>
- 96) [165608] FOR SALE DSW-20 - PRICE REDUCED WITH EXTRAS - FREE SHIPPING
by "NORM KLIEMAN" <k9nk@msn.com>
- 97) [165609] Re: stereo Phone plugs
by Ed Tanton <n4xy@earthlink.net>
- 98) [165610] Re: Fwd: R: Antenna Analyzer
by Ed Tanton <n4xy@earthlink.net>
- 99) [165611] Re: Fwd: R: Antenna Analyzer
by M Taylor <mctylr@privacy.nb.ca>
- 100) [165612] Re: [qrp-l] ARRL rig reviews QSK test...
by John Oppenheimer <john@KN5L.net>
- 101) [165613] RE: [qrp-l] ARRL rig reviews QSK test...
by <bill@n4qa.com>
- 102) [165614] Re: Fwd: R: Antenna Analyzer
by "Thomas Kuehl" <ac7a@earthlink.net>

Date: Fri, 16 Jan 2004 18:37:24 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU
Subject: [165513] fried my hw-8... need help from hw-8 pro..
Message-ID: <6.0.1.1.2.20040116183204.01d633e8@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

darnit!

in hooking the battery back up... i hooked it up backwards... i immediately
smelled smoke, and the rig died!

this is most heinous!

i unplugged it immediately. took it to the workbench, and opened it.

a little puff of smoke came out where the antenna jack is..

i felt around, but could not isolate any components that felt hot..

my questions are:

1. how bad did i damage it?
2. is this irreparable?
3. how should i go about tracing what i fried?
4. i had a 2A fuse inline with the power. i know now that i should have put a diode on it as well.. what kind should i have put on it?

thanks..

unfortunately, now i have my only rigs on the bench..

dangit!

DE KB8QPT QRT DUE TO DUM SK SK SK

peace,
...sergio
photographer, journalist, visionary

www.village-buzz.com <- read my blog
www.coffee-black.com <- my photography

Date: Fri, 16 Jan 2004 19:08:00 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165514] RE: *** \$50 permit (per year) REQUIRED to operate Radio in NY Park!!***
Message-ID: <AGEJJBFLPLHMOECFDINOKEKAEEKAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom,

I too am confused... What rationale did the NSP people give for requiring a permit (read that as a TAX) to enjoy a park? Doesn't the entrance fee cover daily use?

I would not approach this with intention to PAY the additional tax. I see this as the camel's nose under the tent, do they have a fee structure for kite fliers, RC boaters, picnickers?

Just my humble anti-tax opinion.

Bob K8YS

Date: Fri, 16 Jan 2004 18:33:04 -0500
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165515] OT: Measuring Ground Resistance
Message-ID: <011401c3dc8d\$d9b7b2a0\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My father, KB8RTX, would like to know if anyone has the procedure for measuring (earth) ground resistance (not soil resistance). I'm not sure what the application is for, but I believe it has something to do with work.

Thanks.

Patrick...KB8RTZ...

Date: Fri, 16 Jan 2004 16:14:49 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: sergio@village-buzz.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165516] Re: fried my hw-8... need help from hw-8 pro..
Message-ID: <01e701c3dc8e\$ec20b8a0\$38fea8c0@TREVORMAINPC>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't know what you fried Sergio, as I've never done that to my HW-8, but

thought I'd mention that it's a REAL good idea, on any homebrew or kit rig to put a diode on the V+ line to prevent just this kind of mistake. I do this on everything that I build...

Hope you didn't fry it too bad!

73's Trev - KG6CYN

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "sergio" <sergio@village-buzz.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 16, 2004 3:37 PM

Subject: fried my hw-8... need help from hw-8 pro..

>
> darnit!
>
> in hooking the battery back up... i hooked it up backwards... i immediately
> smelled smoke, and the rig died!
>
> this is most heinous!
>
> i unplugged it immediately. took it to the workbench, and opened it.
>
> a little puff of smoke came out where the antenna jack is..
>
> i felt around, but could not isolate any components that felt hot..
>
> my questions are:
>
> 1. how bad did i damage it?
>
> 2. is this irreparable?
>
> 3. how should i go about tracing what i fried?
>
> 4. i had a 2A fuse inline with the power. i know now that i should have put
> a diode on it as well.. what kind should i have put on it?
>
> thanks..
>
> unfortunately, now i have my only rigs on the bench..
>
> dangit!
>

> DE KB8QPT QRT DUE TO DUM SK SK SK
>
>
> ----
> peace,
> ...sergio
> photographer, journalist, visionary
>
> www.village-buzz.com <- read my blog
> www.coffee-black.com <- my photography
>
>

Date: Fri, 16 Jan 2004 17:45:15 -0700
From: KJ7UN <kj7un@kj7un.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165517] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY
Park!!***
Message-ID: <opr1v9ppoici47zn@mail.kj7un.com>
Content-Type: text/plain; format=flowed; charset=iso-8859-15
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Bravo, Bob! No one has said it any better!
I concur.

Laura, KJ7UN

On Fri, 16 Jan 2004 19:08:00 -0500, JBCrafts <jbcraft@adelphia.net> wrote:

>
> Tom,
>
> I too am confused... What rationale did the NSP people give for requiring
> a
> permit (read that as a TAX) to enjoy a park? Doesn't the entrance fee
> cover
> daily use?
>
> I would not approach this with intention to PAY the additional tax. I see
> this as the camels nose under the tent, do they have a fee structure for
> kite fliers, RC boaters, picnickers?
>
> Just my humble anti-tax opinion.

>
> Bob K8YS

Date: Fri, 16 Jan 2004 19:53:26 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <n1bq_list@wulfden.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165518] Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY
Park!!***
Message-ID: <017201c3dc94\$57357ea0\$3c3fca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This whole thing smells like a scam to me!!!! I'd be the first to check
with the state attorney's office on this one .!!! Why would ANY state do
something like that , and only in one park, and only for ham radio??? Don't
seem logical to me, unless someone needs money, and/or thinks hams are
stupid or whatever.!!

Rest assured it won't happen to me without many questions!!!! Please
understand I'm not putting any of you down, only wondering why this is going
on at all. I don't get out that much But I'll be Da-----md if I'd let that
happen without PROOF positive .!!!

Just my very unhappy .02 worth.

I don't think I'm the only one who jumped on this one.!!

And they would not get one darned nickel of my money no matter how
badly I want to operate /P.

Have a good day my friends ..!!!!!!!

carl / kz5ca (I can get very hot over stuff like this.)

----- Original Message -----

From: "Brian Riley (maillist)" <n1bq_list@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, January 16, 2004 6:01 PM
Subject: Re: *** \$50 permit (per year) REQUIRED to operate Radio in NY
Park!!***

> What is not clear here is why a permit is needed at all. What I'm seeing
is
> a generalized permit to 'do something' What gives. WHY do you need a
permit
> to operate an amateur radio any more than you need a permit to play
> volleyball or walk on the beach or swim. That is what you entrance fee is
> supposed to cover. Do I need to get a permit to use my HT there? I would
> like to see the pertinent ordinances and see just what activities they

> specify need to be subjected to the permit process.
>
> I hate to say this Tom, but, unless my query above of that specific
> reference to ham radio is made in the ordinance and regulations, I think
> you made a big mistake by getting the permit. You may have just created
the
> precedent that will galvanize THEIR idea that ham radio needs a permit.
>
> my \$.02
>
> cheers ... 73 de brian, n1bq
>
>
> On 1/15/04 2:01 PM, "TJM" <tjmc@erols.com> wrote:
>
> > I'm trying to decide if the permit is worth the money...
> >
> > See below letter for how this started and letter to parks dept.
> >
> >
> > It now appears I must (and each member who wishes to operate) obtain a
> > yearly permit issued by the NYS Parks Dept to operate a radio in the
park.
> >
> > Today in the mail I received the letter/permit form from the Office of
> > Parks / Recreation , Long Island State Region, Babylon, NY.
> > The permit is valid for ONE Year at a cost of \$50. The Permit is valid
> > ONLY in Sunken Meadow State Park and must be carried on the person.
> > The permit still requires the access fee to be paid (another approx \$7).
> >
> >
> > So what to do?? I'm wondering if it's worth it??
> >
> > all best
> > Tom aa2vk
> >
> >
> >
> >
> >
> >>
> >> ----- Original Message -----
> >
> >> Subject: outing at the beach
> >> Date:> Tue, 23 Dec 2003 16:55:47 -0500
> >> From: TJM <tjmc@erols.com>
> >> To: LIQRP> <liqrp@mailman.qth.net>
> >>
> >> Hi Group,

> >>
> >> Went out to Sunken Meadow St Park (LI, NY) today. Sun was nice but
> >> a bit cool! ;) The W1FE wanted to run, so I took along my DSW-20 and
> >> 10m pole. Set up was at the beach, on the boardwalk using the picnic
> >> tables that are there year round.
> >>
> >> Put the fiber pole into the hole for umbrellas (removed the two
> >> bottom sections) tape a wire onto it and pulled it up for a max
> >> height of 25ft. Worked N5DMC, Jerry of MS and K4YKI, Norm of KY on
> >> 2.5 watts...
> >>
> >> While I was working K4YKI, a State Park Police comes up to me and
> >> asks if I had a permit. I said I wasn't aware that one was needed...
> >> He says the pole is to tall and tells me to take it down... I say
> >> ok... before I get to ask any more questions, he's gone. So, I pack
> >> up, get the W1FE, walk over to the Park office to ask why I need a
> >> permit and under what ordinance....Of course the St PD is gone (went
> >> home) and the Park Office employees have no knowledge...
> >>
> >> SO , I have to wait till the Main Park office is open to get some
> >> answers.
> >>
> >> More to come on this!
> >>
> >> all best Tom aa2vk
> >
> >
> >
> >
> > LETTER to NYS Parks Dept;
> >
> >> 12/24/2003
> >>
> >>
> >> To: Long Island State Parks
> >>
> >> From: Thomas McCuen; AA2VK
> >>
> >> Re: Permission/Permit for Amateur Radio Operation in the Sunken
> >> Meadow Park
> >>
> >>
> >> 1) I, Thomas McCuen, am requesting permission to allow operation of
> >> an amateur radio while in the park during normal business hours. This
> >> request is due to a State Park Officer advising me a permit was
> >> required for operation.
> >>
> >> 2) This radio operation is of Amateur type usage of which I am
> >> licensed for by the F.C.C.

> >>
> >> 3) The radio is a small portable transmitter/receiver that is less
> >> than 5"x5"x5" in size. The radio is powered by a small battery or
> >> battery pack comprised of "AA" type batteries. Transmitted power is
> >> of a low amount, usually less than 3 watts, so as not to interfere
> >> with any other normal Park operations. The antenna is a small wire
> >> that is vertically supported on a fiberglass-fishing pole. The form
> >> of transmission is usually in the form of Morse Code and headphones
> >> are worn so as not to disturb others in the park.
> >>
> >> 4) Attached is a copy of my FCC license and photos of equipment are
> >> available if requested.
> >>
> >>
> >> Thank You,
> >>
> >>
> >>
> >> Thomas McCuen
> >>
> >>
>
>

Date: Fri, 16 Jan 2004 20:11:03 -0500
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [165519] Off the air...
Message-ID: <000701c3dc96\$c7650f40\$13c8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It had to happen... relentless pounding by 25-50 mph winds and
temps down to 28 below, finally ripped up my down lead and broke
the support line going to one of my 70' white pines. No 176'
doublet for a while, no 160m beacon. At some point this weekend
I hope to resurrect my "88" which has been "hibernating" at
ground level in the snow, and it's pretty much in good shape.

I don't have a wire close to the house because I have a steel
roof -a very common thing up here where it's essential to shed
rather than retain, ice/snow. Hope to be back on this weekend.

73
seab
aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Fri, 16 Jan 2004 20:33:09 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [165520] Another (solder) SMT Breadboard
Message-ID: <6.0.0.22.2.20040116202504.01ed4250@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I just bought on a single OP1560B breadboard ebay for \$10.95 shipped, from a company calling itself "paswetland". Their 'ebay store' is:
<<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=36327&item=2587713265&ssPageName=STRK:MEBWN:IT>>
. They also have another line of boards that I think is for through-hole-mount. They are selling 'onesies' of the latter board for (I think it was) \$6.95 (+ the \$2.00 USA postage.) They also are selling three-packs of either one, but the savings was just not there for the extra 2 boards over one at a time 'til I've had a chance to look at them. Also, there is no groundplane. (Not a problem, just something to point out.) I'll let you know what I think.

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Fri, 16 Jan 2004 21:06:13 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kb8rtz@comcast.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [165521] Re: OT: Measuring Ground Resistance
Message-ID: <40089895.24B1E33F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Patrick,

Ground resistance is a fairly common measurement with sensitive test equipment. I have seen it done once about 25 years ago for a repair shop I was installing but I couldn't describe the procedure off the top of my head. I remember they made periodic measurements while sinking a ground rod in the soil; they met the specified resistance after driving the rod 100 meters down! The specification required something like .001 ohm. There is a military specification or standard on the subject. Now that most military specificatations are declassified it is [probably online.

Bruce

Date: Fri, 16 Jan 2004 20:31:46 -0600
From: "Steve" <sswhite@mchsi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [165522] Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <004501c3dca2\$0da4e970\$c801a8c0@workstation>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have gotten my little gruby fingers on a couple of AD9850's and I am itching to build up a good digital vfo or signal generator. Someone must know who makes a good board for this kind of thing, I am ready to get some one order and give this new devices something to do worthwhile.

Steve NU0P

Date: Fri, 16 Jan 2004 21:43:10 -0500
From: Michael Neverdosky <mikenever@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165523] Re: OT: Measuring Ground Resistance
Message-ID: <4008A13E.77597725@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One source of info is PolyPhaser;
http://www.polyphaser.com/ppc_pen_home.asp

There are a variety of ways to measure ground resistance. The people who do it a lot use a clamp on meter but it can be done with a meter, power supply, wire and 3 or 4 probes. I have some books that tell how here somewhere but I think the materials are available from PolyPhaser.

michael N6CHV

Bruce Muscolino wrote:

>
> Patrick,
>
> Ground resistance is a fairly common measurement with sensitive test
> equipment. I have seen it done once about 25 years ago for a repair
> shop I was installing but I couldn't describe the procedure off the top
> of my head. I remember they made periodic measurements while sinking a
> ground rod in the soil; they met the specified resistance after driving
> the rod 100 meters down! The specification required something like .001

> ohm. There is a military specification or standard on the subject. Now
> that most military specifications are declassified it is [probably
> online.
>
> Bruce

Date: Fri, 16 Jan 2004 18:52:53 -0800
From: Jim Ford <n6jff@comcast.net>
To: qrp-l@lehigh.edu
Subject: [165524] GPS Interface Question
Message-ID: <4.3.2.7.2.20040116183943.02501a00@mail.comcast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Has anyone had any strange problems interfacing a GPS to a laptop? With the GPS connected to the laptop (using a serial to USB converter) the cursor jumped all around opening up different windows and sometimes resetting the computer. This was when I was in Trips and Streets. But at other times it worked perfectly. The reason I bring this question to this forum besides all the knowledge is I seem to remember someone (I think it was here, perhaps talking about a PSK31 problem?) saying there was a fix for a similar problem by changing some Windows setting but I can't find where I saw the reference. Sorry for the off subject question.

Thanks,

Jim Ford

Date: Fri, 16 Jan 2004 21:53:25 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <sswhite@mchsi.com>
Subject: [165525] Re: Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <001101c3dca5\$140c97b0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have one of the Far Circuits boards, I think "good" might be a strong word for it, but it does work.

If you get the DDS Daughtercard from NJQRP, you will be able to drive it

with your PIC-EL, or as a minimum, build up a PIC to drive it.

The Far Circuits board does include real estate for the PIC and LCD, which, depending on your perspective, may be good or not. But the quality of the board is marginal. see <http://www.qsl.net/wb8rcr/AD9850.html>

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Steve" <sswhite@mchsi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 16, 2004 9:31 PM
Subject: Who Makes Good AD9850 Digital VFO Boards??

> I have gotten my little gruby fingers on a couple of AD9850's and I am
> itching to build up a good digital vfo or signal generator. Someone must
> know who makes a good board for this kind of thing, I am ready to get some
> one order and give this new devices something to do worthwhile.

>
> Steve NU0P
>
>

Date: Fri, 16 Jan 2004 20:56:10 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [165526] Re: Toroids and magnets
Message-ID: <004701c3dca5\$75eee190\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Not directly related but sort of interesting and obliquely related ...
the manual of my former Ten Tec Triton rig said that while mobile over
concrete highways, unavoidable warbling of the VFO may be caused by
magnetism from the steel in the highway cutting through the coils in the
rig. They probably weren't toroids though.

72--Nick, WA5BDU

Date: Fri, 16 Jan 2004 20:59:36 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [165527] RE: [qrp-l] Re: non-polarized electrolytic
Message-ID: <004801c3dca5\$f12cb760\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I remembered asking a similar question on QRP-L a year or so ago, then doing a little experiment on the back-to-back thing. Dug out my old posting:

Doing a bit of follow-up on the mystery of tying two electrolytics in series back to back for AC use. Electronic urban legend or fact? I hooked a couple of garden variety aluminum electros, 10 uF, 36V rated, in series with their negative leads tied together. Hooked 'em to a 6.5 volt AC, 60 hertz supply. BTW, that's about 500 ohms reactance total, so about 13 ma rms current flowing. Measured from the center out to each end with my DVM set on DC. What do you know? I get -1.5 VDC. Where did that come from? Cecil said electros will give some non-linear diode-like behavior. Maybe so. When I checked later, it had dropped to a volt. Then -0.35 volts and finally after 3 hours it was at -0.18 volts. Trying again with two caps from the same bag but this time tied + to +. Initial voltage is +0.9 which climbs to +1.19 VDC in a minute or so. Now after about 15 minutes, it has dropped to +0.6 VDC. So OK--not a real definitive test, but better than what I had to start with. Voltage will build up at the center. Whether it will eventually drop all the way to nothing, I don't know. It's not enough to keep the caps from being reverse polarized during part of the cycle, but it does keep the average over time biased in the right direction.
72--Nick, WA5BDU

Date: Fri, 16 Jan 2004 22:39:28 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<nkennedy@tcainternet.com>
Subject: [165528] RE: [qrp-1] Re: non-polarized electrolytic
Message-ID: <4008AE70.000001.02360@compaq1500>
MIME-Version: 1.0
Content-Type: Text/Plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think in the very early days, long before solid state diodes, something akin to electrolytic capacitors was used for rectifiers. I suppose too you could put a modern diode across each of the series electrolytics to prevent it from being charged in the wrong direction.

73/72 - Mike WA8BXN

Date: Fri, 16 Jan 2004 22:43:53 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: <n6jif@comcast.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165529] RE: GPS Interface Question
Message-ID: <AGEJJBFLLPLHMOECFDINOGEKHEKAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With the GPS connected to the laptop (using a serial to USB converter) the cursor jumped all around opening up different windows and sometimes resetting the computer.

I have encountered this problem when I connect the GPS to the laptop BEFORE the program has loaded. The GPS is pumping stuff into the computer and the computer has no idea what to do with it.

I need to boot the computer, load the map program and then connect the GPS, otherwise the cursor jumps all over the place and I cannot get control.

Bob K8YS

Date: Fri, 16 Jan 2004 21:46:00 -0600
From: "John A. Wells" <sidni@swbell.net>
To: <qrp-1@Lehigh.EDU>
Subject: [165530] RE: Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <000001c3dcac\$6ca2f390\$6401a8c0@pent>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Here's how I'm going to use my AD9850:

<quote>

How many ways can you use a self-contained, high-precision dc-30 MHz signal source contained on a 1" x 2" plug-in circuit card? How about as a stand-alone VFO, a signal generator for your bench, a replacement LO for your Sierra or NC40 transceiver, or perhaps as the heart of an antenna analyzer! Control it with your favorite microcontroller, or even hang it off your PC's printer port. Any way you do it, you'll be generating quality signals for under \$20."

1) With a PIC

It'll work directly with the PIC16F84A and the "siggen3" PIC DDS VFO project that started this whole craze. One can get the PIC code from the HamPIC Resource Page (<http://www.njqrp.org/ham-pic/projects.htm>) and program the PIC directly to control the DDS Daughtercard. Adding a rotary encoder yields a project that is a good VFO with bells 'n whistles designed by Craig AA0ZZ and Bruce AA0ED.

2) With the QuickieLab

It plugs directly into the NJQRP QuickieLab (<http://www.njqrp.org/quickielab/index.html>) to give that BASIC experimenter's platform RF generation capability. With the canned software available for this project, along with Joe Everhart's wonderful "Quickies" and "Test Topic & More" columns that focus on its use, this is probably the easiest and most flexible way to play with a DDS.

<http://www.njqrp.org/dds/index.html>

----- Original Message -----

From: "Steve" <sswhite@mchsi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, January 16, 2004 9:31 PM
Subject: Who Makes Good AD9850 Digital VFO Boards??

> I have gotten my little gruby fingers on a couple of AD9850's and I am
> itching to build up a good digital vfo or signal generator. Someone
> must know who makes a good board for this kind of thing, I am ready to
> get some one order and give this new devices something to do
> worthwhile.
>
> Steve NU0P
>
>

Date: Fri, 16 Jan 2004 22:58:52 -0500
From: "Paul Womble" <pwomble@earthlink.net>
To: <n6jff@comcast.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [165531] RE: GPS Interface Question
Message-ID: <000501c3dcae\$3872e560\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

You have a comm port conflict. I had the same thing happen to me last week.

I found a conflict when I plugged in a gps on my serial port that runs as comm 1. I also had a mouse driver that was assigned to comm 1.

First step is to remove the gps so the mouse will function. (took me a while to realize that had to be done) I would find out what comm port has been assigned to the gps and then see what else is also setup for that port.

Two serial devices can not share a comm port. I just disabled the mouse driver as it was from an old one I do not use.

73
Paul K4FB

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]
> On Behalf Of Jim Ford

> Sent: Friday, January 16, 2004 9:53 PM
> To: Low Power Amateur Radio Discussion
> Subject: GPS Interface Question
>
>
> Has anyone had any strange problems interfacing a GPS to a
> laptop?

Date: Fri, 16 Jan 2004 23:28:50 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [165532] SOLD OUT! Digi swr/pwr meter
Message-ID: <3.0.6.32.20040116232850.007b1550@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Digi-SWR/Power meter is now sold out.

If you missed getting in on the first 100, don't fret.

The 4SQRP club will be offering this kit in the near future. This will go to help finance Okiecon '05. Please wait until they announce they are ready to take orders.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 16 Jan 2004 23:11:31 -0500
From: Richard Lourette <lourette@frontiernet.net>
To: qrp-l@Lehigh.EDU
Subject: [165533] How to QRP with CRV3s
Message-ID: <5.1.1.6.0.20040116230914.02776ec0@pop3.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have some unused CRV3 3V lithium batteries that I am sure could be used to power a QRP rig somehow. Anyone got any ideas?

Thanks

Rich
AB2MD

--

Richard Lourette
lourette @ frontiernet . net

Date: Fri, 16 Jan 2004 20:16:16 -0800
From: "Bill Linn" <wlinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
"ROBERT FRAWLEY" <rffrawley@smgazette.com>
Subject: [165534] Re: Another QRP Beacon 7.090 mghz
Message-ID: <00ea01c3dcb0\$ba106fa0\$7870ef42@wa7tqk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, had nada response. Perhaps not enough lead time? Will try again.
This time Bob, KB7SIK willl activate his beacon on 7.090 at 08:00 Zulu and
take it off at 18:00 Zulu on January 18 (Zulu) (That's Saturday midnite to
Saturday 10 AM local PST.)

Please respond to Bob with reports containing his transmitted power level
(it's pretty low!), time of copy, and RST.

kb7sik1@hotmail.com

Thanks

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Fri, 16 Jan 2004 23:52:08 -0500
From: "NZ8J" <nz8j@woh.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [165535] FS: Swan WM-1500 wattmeter// MFJ 971 QRP tuner
Message-ID: <008901c3dcb5\$a9f5b7b0\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Swan WM-1500 wattmeter. Not strictly a QRP meter, but does have 5 watt and 50 watt full scale ranges along with the higher 500 and 1500 watt power ranges. It reads forward and reflected power. The front panel and meter face are in exc condition. It has a big meter face (approximately 4 1/2" X 3 1/2"). The case has some marks and paint chips, but it is just a plain black case and could easily be painted. It works well. Would make a nice test bench meter for QRP work, or use in the shack with your qrp rig. I would ship and insure priority mail it in the lower 48 for \$48.

MFJ 971 QRP tuner, in excellent condition. In the original box with manual. It has a 300/30 watt or 30/6 watt forward power ranges and will tune 160-10 meters. Has a built in 4:1 balun for balanced lines. Will ship and insure priority mail in the lower 48 for \$78

for more info go to:

<http://www.mfjenterprises.com/products.php?prodid=MFJ-971>

Thanks

Tim

NZ8J

Date: Fri, 16 Jan 2004 23:57:14 -0500

From: "George Heron N2APB" <n2apb@clearviewcatv.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Cc: "George Heron N2APB" <n2apb@amqrp.org>

Subject: [165536] Re: Who Makes Good AD9850 Digital VFO Boards??

Message-ID: <000501c3dcb6\$64837040\$6400a8c0@n2apb1>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 8bit

Yet another way to use the AD9850 DDS is again on the NJQRP Daughtercard (www.njqrp.org/dds), and then in turn use the daughtercard with the Steve "Melt Solder" Weber KD1JV "Multi-Band DDS Controller" project described in passing last month on the list.

Now the cool part about this is that it's featured in HOMEBREWER mag issue #2 that is coming to subscribers in about another week or so. PLUS, the AmQRP club is providing a partial kit for this (pcb and programmed Atmel

controller) in cooperation with KD1JV.

So what this means is that the DDS Daughtercard will plug into a similarly-sized pcb containing the microcontroller and 5 micro-pushbuttons that all together serves as a multi-band QRP transmitter on the HF ham bands, with paddle input, dual-memory keyer and speed control, programmable IF offset, EEPROM-stored settings, RIT and XIT split mode operating, LCD display, Rx mute, Tx sidetone generation, and logic to drive an antenna selection relay Wow!

Again, look for that project and partial kit in the upcoming issue of HOMEBREWER magazine from the AmQRP.

73, George N2APB

Date: Sat, 17 Jan 2004 00:00:25 -0500
From: "NZ8J" <nz8j@woh.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [165537] FS: Lectrokit 30 meter Transceiver
Message-ID: <008f01c3dcb6\$d1b84960\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice condition Lectrokit 30 meter transceiver. This was built and aligned by Lectrokit. Has one xtal for 10.121 mhz. I made several qso's on it in the past few days. It has the optional audio cw filter. For those who don't know what it is, it is a small 1 to 2 watt xtal controlled transceiver that has a RIT, Vol control, on/off switch, provisions for 2 xtals with a switch to chose which one you want. Also has a built in straight key and a jack for an external key or keyer. Headphone jack and a terminal strip for power and ant connections. I do not have the manual, but do have a schematic for it. I will ship and insure in priority mail in the lower 48 for \$48
thanks
Tim
NZ8J

Date: Fri, 16 Jan 2004 22:10:21 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>

To: <lourette@frontiernet.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165538] Re: How to QRP with CRV3s
Message-ID: <002e01c3dcb8\$35b121c0\$a70246a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

CRV3 Lithiums like many other camera batteries are designed for long life and high pulse current output. The batteries are rated at 3200mAh and can produce quite impressive peak and continuous discharge currents. You can view their specification at
<http://www.kodak.com/global/plugins/acrobat/en/consumer/products/batteries/KCRV3.pdf>

Please note that there appears to be an error in the last discharge curve on the page 100mA should read 1000 ohms.

These batteries will perform very well with typical QRP equipment. The only reservation might be their expense (a problem with any primary battery). But if you have a bunch of them QRP is a very good place to use them.

Most camera batteries, at least the ones that power motor and flash, have excellent peak and continuous current ratings.

Bruce kk7zz
www.elmerdude.com

Date: Sat, 17 Jan 2004 05:29:43 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <kb8rtz@comcast.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165539] Re: Measuring Ground Resistance
Message-ID: <LAW15-DAV70GGmNN79x0000e78e@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 16, 2004 11:33 PM
Subject: OT: Measuring Ground Resistance

> My father, KB8RTX, would like to know if anyone has the procedure for
> measuring (earth) ground resistance (not soil resistance). I'm not sure
what
> the application is for, but I believe it has something to do with work.

I think that something like this is used by archaeologists - in connection
with the geophysical measurements they carry out on a site.

73, Leon

--

Leon Heller, G1HSM
Email: aqzf13@dsl.pipex.com
My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Sat, 17 Jan 2004 05:37:52 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: "John J. McDonough" <wb8rcr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165540] Re: Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <Law15-DAV54CZx4FR0r0000e674@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 17, 2004 2:53 AM
Subject: Re: Who Makes Good AD9850 Digital VFO Boards??

> I have one of the Far Circuits boards, I think "good" might be a strong
word
> for it, but it does work

My home made PCBs look neater than that! 8-)

73, Leon

--

Leon Heller, G1HSM
Email: aqzfl3@dsl.pipex.com
My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Fri, 16 Jan 2004 21:39:23 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: hfb Beacons@explore.plus.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165541] Re: 30 meter beacon test run
Message-ID: <20040117053923.67026.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well the test run appeared to be successful. The beacon ran for a couple of hours and was heard.

At first, I wondered why the beacon didn't appear to be putting any power out, then realized that the antenna side of the tank coil had come loose from the jack. I resoldered it and then it worked fine.

I finished the webpage for the 30 meter QRPp beacon. It is located at
http://www.geocities.com/n2uhc_2/30m_bcn.html .

I hope to have the beacon on again this weekend.

=====
Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Fri, 16 Jan 2004 23:56:56 -0600
From: "Don Jackson (AE5K)" <don1103@azark.com>
To: <qrp-l@lehigh.edu>
Subject: [165542] Re: OT: Measuring Ground Resistance
Message-ID: <40087A48.30398.2D5CE4E@localhost>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Patrick,

EPE magazine, April and May 2003 issues had a two part article on a ground resistivity logger.

<http://www.epemag.com/>

If you cannot find the articles, contact me directly.

Here's quote:

"Earth Resistivity Logger by John Becker
=====

Everyday Practical Electronics April, May 2003

Help your local archaeological society to unearth the hidden mysteries of our ancestors, with our new Earth Resistivity Logger design. Many features too numerous to list here, including PC graphical display, Excel compatible output."

72/73,
Don AE5K

On 16 Jan 2004 at 18:33, Patrick Schwarz - KB8RTZ wrote:

> My father, KB8RTX, would like to know if anyone has the procedure for
> measuring (earth) ground resistance (not soil resistance). I'm not sure what
> the application is for, but I believe it has something to do with work.
>
> Thanks.
>
> Patrick...KB8RTZ...
>
>

Date: Sat, 17 Jan 2004 01:07:52 -0500
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [165543] Re: Who Makes Good AD9850 Digital VFO Boards??

Message-ID: <LAW11-F122DhGw9UVkC00009730@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

What would be ideal is if a group would produce an "adaptor board" that would have the outline of the '9850 (or similar SMT IC's) with traces running from the pins to larger pads that could be soldered to. The boards could then be cut out and used with Manhattan construction or whatever. Heck, you could get several of these on a 3x5 or 4x6 board and have room left over for "adaptors" for SOT-23 transistors, ADE-1 mixers and other common SMT stuff that we could use.

72 es oo

Dennis - WB0WAO

EN84ij Iosco County, Michigan

MultiPig+ #3 - K2 #3555

DSW-II-20 - SW-40+ - SW-30+

RM-20 - RM-40

FPQRP #-347 FISTS #9299

Charter Member - Michigan DX Association

www.wb0wao.com

:=)

>From: "Leon Heller" <leon_heller@hotmail.com>

>Reply-To: leon_heller@hotmail.com

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Subject: Re: Who Makes Good AD9850 Digital VFO Boards??

>Date: Sat, 17 Jan 2004 05:37:52 -0000

>MIME-Version: 1.0

>X-Originating-IP: [81.178.239.165]

>X-Originating-Email: [leon_heller@hotmail.com]

>X-Sender: leon_heller@hotmail.com

>Received: from mc7-f12.hotmail.com ([65.54.253.19]) by mc7-s12.hotmail.com

>with Microsoft SMTPSVC(5.0.2195.6824); Fri, 16 Jan 2004 21:43:35 -0800

>Received: from astro.CC.Lehigh.EDU ([128.180.39.2]) by mc7-f12.hotmail.com

>with Microsoft SMTPSVC(5.0.2195.6824); Fri, 16 Jan 2004 21:43:06 -0800

>Received: from localhost.localdomain ([127.0.0.1]:38928 "HELO

>astro.CC.Lehigh.EDU") by astro.CC.Lehigh.EDU with SMTP id

><S380970AbUAQFkU>; Sat, 17 Jan 2004 00:40:20 -0500
>Received: from rain.CC.Lehigh.EDU ([128.180.39.20]:64911 "EHLO
>rain.CC.Lehigh.EDU") by astro.CC.Lehigh.EDU with ESMTTP id
><S380972AbUAQFhy>; Sat, 17 Jan 2004 00:37:54 -0500
>Received: from hotmail.com (law15-dav54.law15.hotmail.com [64.4.22.47])
> by rain.CC.Lehigh.EDU (8.12.10/8.12.10) with ESMTTP id i0H5brfj021295
> for <qrp-l@Lehigh.EDU>; Sat, 17 Jan 2004 00:37:53 -0500
>Received: from mail pickup service by hotmail.com with Microsoft SMTPSVC;
> Fri, 16 Jan 2004 21:37:52 -0800
>Received: from 81.178.239.165 by law15-dav54.law15.hotmail.com with DAV;
> Sat, 17 Jan 2004 05:37:52 +0000
>X-Message-Info: JQP8ZY0Bx2DKLKY487H3HU9CFEXFuaFsKelkKvZY2Q4=
>Message-Id: <Law15-DAV54CZx4FR0r0000e674@hotmail.com>
>Precedence: bulk
>References: <004501c3dca2\$0da4e970\$c801a8c0@workstation>
><001101c3dca5\$140c97b0\$090044c0@BrianBoru>
>X-To: "John J. McDonough" <wb8rcr@arrl.net>, "Low Power Amateur
>Radio Discussion" <qrp-l@Lehigh.EDU>
>X-MSMail-Priority: Normal
>X-Mailer: Microsoft Outlook Express 6.00.2800.1158
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2800.1165
>X-OriginalArrivalTime: 17 Jan 2004 05:37:52.0994 (UTC)
>FILETIME=[0D336420:01C3DCBC]
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Return-Path: owner-qrp-l@Lehigh.EDU
>
>
>----- Original Message -----
>From: "John J. McDonough" <wb8rcr@arrl.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Sent: Saturday, January 17, 2004 2:53 AM
>Subject: Re: Who Makes Good AD9850 Digital VFO Boards??
>
>
> > I have one of the Far Circuits boards, I think "good" might be a strong
>word
> > for it, but it does work
>
>My home made PCBs look neater than that! 8-)
>
>73, Leon
>--
>Leon Heller, G1HSM
>Email: aqzfl3@dsl.pipex.com
>My low-cost Philips LPC210x ARM development system:
>http://www.geocities.com/leon_heller/lpc2104.html

Date: Fri, 16 Jan 2004 22:14:51 -0800
From: "Bill Linn" <wlinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
"ROBERT FRAWLEY" <rfrawley@smgazette.com>
Subject: [165544] Re: Another QRP Beacon 7.090 mghz
Message-ID: <000b01c3dcc1\$38ec1260\$a570ef42@wa7tqk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Big OOPS..... Should read. "That's Saturday midnite to Sunday 10 AM
local PST."

----- Original Message -----

From: Bill Linn <wlinn@smgazette.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, January 16, 2004 8:16 PM
Subject: Re: Another QRP Beacon 7.090 mghz

> Well, had nada response. Perhaps not enough lead time? Will try again.
> This time Bob, KB7SIK willl activate his beacon on 7.090 at 08:00 Zulu and
> take it off at 18:00 Zulu on January 18 (Zulu) (That's Saturday midnite
to
> Saturday 10 AM local PST.)
>
> Please respond to Bob with reports containing his transmitted power level
> (it's pretty low!), time of copy, and RST.
>
> kb7sik1@hotmail.com
>
> Thanks
>
> ---
> [SMGazette.com E-mail is scanned for viruses by Declude Virus]
> [Visit us on the web at SMGazette.com]
>
> ---
> [SMGazette.com E-mail is scanned for viruses by Declude Virus]
> [Visit us on the web at SMGazette.com]
>

>

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Sat, 17 Jan 2004 01:25:01 -0500
From: PMdc361@aol.com
To: qrp-l@lehigh.edu
Subject: [165545] Iraq on the air!!!!
Message-ID: <6CA77DEA.1B66B5C3.0017E976@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

As of 1700hrs 1/16/04 KE4RVT/YI will be operating cw/ssb QRO/QRP 10-40 meters. I will be in Iraq for 12-18 months and will be operating in downtime from work. Will eqsl and standard QSL. Hope to work you guys soon.

--

Dwayne KE4RVT
FPQRP 85
QRP-L 2201

Sometimes a little brain damage can help. (George Carlin)

Date: Sat, 17 Jan 2004 00:59:12 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [165546] To go with your ScQRPion paddles...
Message-ID: <Pine.LNX.4.33.0401162223360.15615-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you're looking for something neat to go with your W5JH/Az ScQRPions brass paddles, I have an answer. How about a directly attached, bolt-on memory keyer?

I have built and will be selling the PicoKeyer ScQRPion Special, a 1.9" x 2" keyer designed specially for the ScQRPions paddle kit. The keyer attaches directly to your paddles using existing screws. Just unsolder your cable, remove three screws, attach the board and you're off to the

paces.

This keyer uses the new Super PicoKeyer chip, which offers speed control using the menu and paddles method and/or a convenient pot for quick adjustments. You can set a speed via the menu, and any time the pot is set to its minimum position (below 5 WPM) the speed selected by the menu is used. Use the pot, the paddles or both. It's slick. Of course it's got all the other features you would expect - two memories with chaining and beacon mode, message pause, variable pitch sidetone that can be turned on or off, adjustable weight, A or B timing, dot & dash memories, tune / straight key mode, etc. The on board battery ought to last a good long time (I don't know exactly HOW long, since I haven't yet killed one).

The kit includes all needed parts - PCB, chip, socket, battery and holder, jack, keying transistor, cap, resistor, pushbutton switch and even a rubber foot to help stabilize your paddle. My paddle (#72) no longer tends to scoot around as I use it. No permanent changes to your paddles are needed, and the keyer can be removed at any time. I wish I could say this will keep you busy with a soldering iron for a while, but I'm guessing the average builder will be done about the time the coffee starts getting cold. You could satisfy your remaining homebrewing urges by making a nice polished brass cover with your call sign engraved on it or something.

I'm taking orders now. As soon as I get enough orders to make up a batch of PCBs I'll order the boards, which will take 2-3 weeks for delivery. I get 6 boards to a panel, and I'd like to order 4-5 panels at a time to save on shipping. I'll order extras, so any subsequent orders probably will not have to wait long. I just don't want to pre-order a bunch of boards without some way to gauge demand, since this is a pretty application-specific project. The easiest way to order yours is to point your browser at <<http://www.hamgadgets.com>> and order there. I'll also take checks or money orders by mail, or regular PayPal payments -- just make sure to tell me what you're ordering, who you are and where you want your kit shipped. Total cost with shipping in the US is \$18.00; DX orders please email me for shipping costs.

72 & have a great weekend,
Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.
NEW PicoKeyer version with pot AND paddle control is here!
Check <http://www.hamgadgets.com> for news.

Date: Sat, 17 Jan 2004 07:36:46 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <wb0wao@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165547] Re: Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <LAW15-DAV73Uiz0YDr40000f02e@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 17, 2004 6:07 AM
Subject: Re: Who Makes Good AD9850 Digital VFO Boards??

> What would be ideal is if a group would produce an "adaptor board" that
> would have the outline of the '9850 (or similar SMT IC's) with traces
> running from the pins to larger pads that could be soldered to. The
boards
> could then be cut out and used with Manhattan construction or whatever.
> Heck, you could get several of these on a 3x5 or 4x6 board and have room
> left over for "adaptors" for SOT-23 transistors, ADE-1 mixers and other
> common SMT stuff that we could use.

I designed something like this some years ago, had some PCBs made and sold
a couple of batches. It worked OK, but connecting components to it for ugly
construction was rather fiddly.

73, Leon

Leon Heller, G1HSM
Email: aqzf13@dsl.pipex.com
My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Sat, 17 Jan 2004 02:58:06 -0500
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165548] Re: Measuring Ground Resistance
Message-ID: <5.2.0.9.0.20040117024823.00a34cb0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You did not say whether it was indoor or out door or for what sort of job it was intended.
Indoor Medical instruments are available and we would reference to a copper water system
to do a survey. Dynatek Nevada as I recall. Instrutek was another.
One outdoor system was by Biddell (SP?).
I hope this provides a few leads.
Pete NV4V

Date: Sat, 17 Jan 2004 06:19:04 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [165549] Lithium and Lithium-ion
Message-ID: <Pine.LNX.4.44.0401170603360.5281-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There has been some confusion about Lithium batteries in my mind and I expect yours as well. The only Lithium battery I have is one called a B-9583 and it is made for several cameras. It is re-chargeable about 300 times. It's voltage is about 3.7 volts and it's capacity is 1050 mAh. A new one costs \$20.00 from the cheapest web site and is made in China.

The re-chargeable Lithium battery is called it seems, a Lithium-ion battery (Li - Ion for short). A battery that cannot be recharged using Lithium is called a plain Lithium Battery.

To charge a Li -Ion battery you need a special charger. These are now almost always built into the camera or ham radio. But you can build one special at home. The chips are available but are surface mount only.

Sam's Club has a large section of their camera area devoted to batteries. They have a lot of Lithium and very few Li - Ion batteries. The rechargeable are only available if you also buy a charger. This is likely to change soon.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 17 Jan 2004 08:27:22 -0500
From: "NZ8J" <nz8j@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165550] Re: Lectrokit 30 meter Transceiver ***SOLD***
Message-ID: <00ba01c3dcfd\$a4140d40\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who responded, the little Letrokit Spider has been sold.

73

Tim

NZ8J

----- Original Message -----

From: "NZ8J" <nz8j@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 17, 2004 12:00 AM
Subject: FS: Lectrokit 30 meter Transceiver

> Nice condition Lectrokit 30 meter transceiver. This was built and aligned
by
> Lectrokit. Has one xtal for 10.121 mhz. I made several qso's on it in the
> past few days. It has the optional audio cw filter. For those who don't
know
> what it is, it is a small 1 to 2 watt xtal controlled transceiver that has
a
> RIT, Vol control, on/off switch, provisions for 2 xtals with a switch to
> chose which one you want. Also has a built in straight key and a jack for
an
> external key or keyer. Headphone jack and a terminal strip for power and
ant
> connections. I do not have the manual, but do have a schematic for it. I
> will ship and insure in priority mail in the lower 48 for \$48
> thanks
> Tim
> NZ8J
>
>
>

Date: Sat, 17 Jan 2004 08:23:09 -0600
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [165551] Tenna Dipper kits have been taken out of retirement
Message-ID: <03c201c3dd05\$6f657180\$5dc03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow what a overwhelming response for the Tenna Dipper. Due to this the 4SQRP Group will be ordering more boards and parts and should be able to fill orders in 2-3 weeks. You may send in your check for one and we will not cash it until they are shipped. Thanks again for the great support of the kit.

<http://4sqr.com/kits/kits.htm>

72
Gene NOMQ

Date: Sat, 17 Jan 2004 08:29:11 -0600
From: "winchar@res1.mts.net" <winchar@mts.net>
To: <qrp-1@lehigh.edu>
Subject: [165552] VE4WI - Preliminary Fox Log
Message-ID: <001301c3dd06\$4675e6a0\$6501a8c0@CRAIG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jan 14, 2004
0200 - 0400

0202 N4ROA 559 VA Dan 5
0203 K0EVZ 559 NM Doc 4
0205 K3PH 559 PA Bob 5
0206 N0TK 559 CO Dan 5
0208 N1FN 559 CO ET 5
0210 AA7EQ 559 AZ Bob 5
0212 KB9YIG 579 IN Tony 2
0214 K5DI 559 NM Karl 5
0216 N0DT 559 MO Dan 5

0218 N3BJ 559 VA Alan 5
0220 KK5LD 559 TX Don 5
0222 KI0II 559 CO Ron 5
0224 VA6RF 599 AB Earl 5
0226 WA5BDU 559 AR Nick 5
0228 W7ILW 559 AZ Walt 5
0228 AC5JH 559 OK Tom 5
0229 KL7V 559 OK Sam 5
0230 KG6CYN 559 CA Trev 5
0231 VE6JAZ 559 AB Rob 5
0232 N4DD 559 TN Dennis 5
0233 K5DW 559 TX Don 5
0234 K5UV 559 OK Mike 5
0235 W5YR 559 TX George 5
0236 K6VNX 579 CA Arlen 5
0237 K5JHP 559 TX Bill 5
0239 K3ESE 569 MD Lloyd 5
0240 N1TP 559 FL Tom 5
0245 K9TJL 559 IL TJ 5
0247 W5TB 559 TX Doc 5
0248 K8KFJ 559 WV Gary 5
0249 AB8DF 559 MI Ed 5
0249 N5ZE 559 TX Lew 5
0250 N3ZPQ 559 OH Frank 4
0251 AF4LQ 559 KY Mike 5
0252 KQ5U 559 TX Terry 5
0252 WA8BXN 559 OH Mike 5
0253 W8YMO 559 OH Harry 5
0253 KI0RB 559 CO Vince 5
0254 NV4V 559 KY Pete 5
0254 NK6A 559 CA Don 5
0255 N0JRN 559 MO Jerry 5
0255 K5ZTY 559 TX Bill 5
0256 KG0PP 559 CO Jim 5
0257 KR0U 579 CO Tim 5
0258 K5EOA 559 LA Wayne 5
0259 AA50 559 LA Vern 5
0300 KG4LDY 559 VA Jim 5
0315 W5USJ 559 TX Chuck 5
0320 KD5UDB 559 LA Chris 5
0330 KJ0C 559 MO Jim 5
0340 WA8HSB 559 AL John 10
0350 AB9CA 559 AL Dave
0400 AC7A xxx AZ Fox 5
0400 VE4WI xxx MB Fox 5

Thanks for another fun hunt !

Things were going great until about 0310. Then the propagation lights went

out and left me in the silence. At least the first hour was good.

Craig VE4WI

Date: Sat, 17 Jan 2004 09:56:21 -0500
From: VE3JC John Cumming <jbcumming@wwdc.com>
To: wb0wao@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165553] Re: Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <40094D15.2020303@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The "surfboard" family of smt boards are great for this.

<http://dkc3.digikey.com/pdf/T041/1090.pdf>

You can see an extremely ugly application of these surfboards on page 24 of the Summer 2003 Qrp Quarterly.

72, John VE3JC

Dennis Ponsness wrote:

> What would be ideal is if a group would produce an "adaptor board" that
> would have the outline of the '9850 (or similar SMT IC's) with traces
> running from the pins to larger pads that could be soldered to. The
> boards could then be cut out and used with Manhattan construction

Date: Sat, 17 Jan 2004 10:00:28 +0000
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [165554] Soldering DDS AD9850 to PCB
Message-ID: <20040117.100143.-204941.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don't let fear of solder skills hold you back...start that SMD project.

I can't see all those pins . . .
My, iron is too large . . .
My first time . . .
Sound failure?

Not to worry about damage to that new DDS chip.
I just built two DDS 9850 circuits and both work using
the 'gob'solder-on/wick-up technique (below).

Want a warm fuzzy?
I am 63 with trifocals and
can not see those tiny pins ! !
How may DDS circuits have I built in the last few weeks? TWO
How many worked the first time? None *BUT* >>>NOT due to SOLDER PROBLEMS.
The problem was, first my compiler then my programing skills.

I use silver bearing solder with a low temperature iron.

First, the PCB must be 'tined (a lite coat of solder already on the
pads), but
most PCBs come already tined, just wipe pads bright with a paper towel.

Second, tack solder two opposite SMD pins to hold the chip in place on
the PCB (not to worry about shorts and bridges >my first accident<).

Third, tack the other pins down, again here too, not to worry about
solder shorts or bridges between pins.

Next, with very thin light weight solder-wick (braid embedded with flux),
place braid between iron and one side of the SMD to reheat all 14 pins
at same time and wick up all that will come, let cool, then do the other
side. I must use a magnifier to inspect work in case touch up is
necessary, to date none required.

John
N3AAZ

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 17 Jan 2004 10:07:04 -0500
From: "Brian Murrey" <brian@iquest.net>

To: "QRP-L" <qrp-l@lehigh.edu>, "Flying Pigs" <fpqrp-l@fpqrp.com>,
"QRPP-1" <QRPP-I@yahoogroups.com>
Subject: [165555] Surplus Parts
Message-ID: <002601c3dd0b\$91e04a40\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The list is getting thin...I haven't had much time to scrounge...

Junkbox Surplus Parts for Sale Jan 17th 2004

=====

9.8304 Mhz Crystals, 1/4 in tall - 20 for \$5.00
27mH inductors with radial leads - 25 for \$3.50
L7805ACV - 5v Regulator, 1.5A, T0220 Format - 10 for \$3.00
3.575611 Mhz crystals, HC49 \$3.00 for 5 pieces (Limit of one set per
order)

Caps - All new, old stock. No pulls.

=====

All listed caps now \$3/50 (Can Mix QTY's of 25)

=====

8pf NPO Ceramic - Loose
11pf NPO Ceramic - Loose
12pf NPO ceramics on tape
22pf Kemet Ceramic Caps, 200v, 10%
150pf ceramics, 100v, 10%
470pf Ceramics on paper tape, rated 5% (NPO)
560pf Kemet Ceramic Caps, 200v, 10%
1000pf blue mono caps, 10% 100v
3300pf Kemet Ceramic Caps, 100v, 10%
.01 uF ceramic caps, 10% 100v brand new by Kyocera
and
.01 uF ceramic caps, 20% 50v, new old stock, not used
50/2.50 100/\$4

TP2222 plastic T092 NPN (House brand 2N2222) 50/\$4 100/\$7
2N3904's plastic T092. NPN - 50/\$4 100/\$7
2N3704's plastic T092, NPN - 50/\$4
LM386N-1 - Audio Amps 5 for \$3.00

Diodes

=====

1N4148 - You always need these. 100 for \$2.50

Let me know if you're interested. All prices are post paid to the
USA, unless otherwise noted. I will ship to non USA addresses but we

need to discuss the shipping charges first.

=====

Agnus dei, qui tollis pecatta mundi, dona nobis Pacem.

=====

KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57

=====

Date: Sat, 17 Jan 2004 10:22:45 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [165556] Color Code "poem"
Message-ID: <40095345.1060005@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi

Does anyone know of any ditties related to memorizing the color code other than the traditional "bad boys..." version? I'm trying to help my 11 year old son and don't want to him to learn something so... uhh... colorful.

Tnx & 72 - Al, K2ZN

Date: Sat, 17 Jan 2004 10:30:13 -0500
From: <bill@n4qa.com>
To: <qrp-l@lehigh.edu>
Subject: [165557] ARRL rig reviews QSK test...
Message-ID: <000e01c3dd0e\$cea1d9a0\$e425ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Was reading my QST, February, 2004 last evening and took a gander at the

K2/100 QSK test...so-so results...first dit RF envelope beginning AFTER first-dit key-UP... second-dit RF envelope beginning about 5 milliseconds BEFORE second-dit key-up...

So long as it 'sounds' ok?

I say any rig sounds as it looks...fixed delay in the 'sending station's' rig is one thing...I can detect that only by viewing the waveforms...varying delay, whole 'nother story...

For my own sending, there's how it 'sounds' in my rig's sidetone and then there's how it 'sounds' in a properly adjusted separate local receiver...

Anyway...

I'd like to know what you guys think about the ARRL's conditions under which a rig-under-review is tested for "CW keying waveform",

particularly regarding the "equivalent keying speed is 60 WPM" spec.

Granted, all rigs should be tested under equal conditions, but 60 WPM?...how 'bout 6 WPM with a scope sweep speed of 100 milliseconds per division...

Ok, perhaps that'd be swinging to the opposite extreme. Umm...15 WPM with scope sweep speed of 40 mS per (using variable sweep, of course), maybe?

I know, some other digital modes are affected by a rig's 'QSK' abilities (especially, a rig's receiver recovery time) but I'm only interested in discussing CW for the immediate, including that receiver recovery time (the other half of QSK)...

And, what about using 14.2 MHz for Hf rigs in CW mode...right, it really doesn't matter, technically...14.2 MHz or 14.06 MHz etc...

What do y'all say?

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sat, 17 Jan 2004 10:31:04 EST

From: ARDUJENSKI@aol.com

To: qrp-l@lehigh.edu

Subject: [165558] Book on alternative power? (resend)

Message-ID: <152.2938e039.2d3aaf38@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I would like a suggestion for a book that has good information discussing alternative power (batteries, charging, solar, etc.) for radios. I have found

various online snippets. Unfortunately my version of the ARRL handbook is rather anemic on the subject. I was hoping there was a good book out on the subject. OK maybe more than one book. Thanks

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Sat, 17 Jan 2004 10:37:04 -0500
From: "Ken La Rose" <kenlar@csolve.net>
To: <qrp-1@Lehigh.EDU>, "QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>
Cc: "Tom Hamblin" <hamblin@mirusinternational.com>,
"Tom Curtola" <tcurtola@rogers.com>,
Subject: [165559] Sunday Morning SSB/CW QRP Net *NEW TIME*
Message-ID: <002001c3dd0f\$c286d4d0\$c4618a3f@D1YQV721>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All!

Please join us if you can for another informal weekly QRP gathering on 40m around 7.067MHz, at 10:00 AM local (ET) tomorrow morning. Listen for NCS VE3ELA on lower sideband, or break-in on CW/SSB if you hear a net participant, and they will QSP. All Hams within hearing range are invited to join us.

*THE NET STARTING TIME IS NOW CHANGED to 10:00 AM ET from 9:30, as 40m does not open for us lately until about 9:45 AM ET. Hopefully, even more of you can participate!

Last week we had an excellent net, with these stations checking in:

NA8M John in Grand Rapids, MI
VE3JC John in London, ON
VE3XT Bill in Thunder Bay, ON
VE3OSC John (VA3JE) at Ont. Science Ctr. in Toronto, ON
VE3JEV Richard in London, ON
VE3QF Tony in Scarborough, ON
VE3TKF Terry in Gravenhurst, ON
VE3ICL Les in Restoule, ON
VE3RLX Ric in Brantford, ON
VA3HN Tom near Elizabethville, ON
VE3ELA Ken in Midland, ON

Thanks to Garry VE3REP, and Jim VE3KQN for making attempts, and hope we have better luck this week.

Topics discussed included the weather(!), NAQP operations, the Snowbirds Net, building the DSW-40 & 40-17 transverter, and Terry TKF's new Icom IC-703 transceiver.

72,

de Ken VE3ELA Midland, ON

Date: Sat, 17 Jan 2004 09:39:12 -0600
From: "Frank Emens" <femens@hiwaay.net>
To: k2zn@rochester.rr.com
Cc: qrp-1@lehigh.edu
Subject: [165560] Re: Color Code "poem"
Message-ID: <400902C0.5617.415054@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

There's always "Better Be Ready Or Your Great Big Venture Goes West".

--
Frank Emens
femens@hiwaay.net
Huntsville, Alabama

Date: Sat, 17 Jan 2004 08:46:25 -0700
From: "Bud Haynes" <kv7g@toast.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165561] Re: Lithium and Lithium-ion
Message-ID: <000e01c3dd11\$130f53e0\$84e8fea9@BUD>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Sam's Club has a large section of their camera area devoted to
> batteries. They have a lot of Lithium and very few Li - Ion batteries.
> The rechargeable are only available if you also buy a charger. This is
> likely to change soon.

Wal-Mart sells the Lithiumion batteries in their camera department. They are used in Sony digital cameras and several different brands of camcorders. They are not cheap, they run about \$60.00 each. They work very well and have a long life between charges. In my old Sony Digital you could take up to 500 photos (about 250 using flash) before having to recharge.

Bud - KV7G - Yuma, AZ

Date: Sat, 17 Jan 2004 10:56:57 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: bill@n4qa.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165562] Re: ARRL rig reviews QSK test...
Message-ID: <40095B49.8030406@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Bill

Did you ever look closely at the ads from the radio manufacturers? In almost every one, the rig on display is set to a frequency in the SSB segment. It's almost some sort of subliminal bias.

Al, K2ZN

bill@n4qa.com wrote:

> And, what about using 14.2 MHz for Hf rigs in CW mode...right, it really
> doesn't matter, technically...14.2 MHz or 14.06 MHz etc...
>

Date: Sat, 17 Jan 2004 11:06:32 -0500
From: "Brad Hedges" <bhedges@nc.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165563] Re: ARRL rig reviews QSK test...
Message-ID: <000f01c3dd13\$dfc8c5e0\$93c53942@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I believe the test has more to do with stressing the abilities of the radio in question rather than any "pertinence" to it's day-to-day usage. The K2's waveforms are smooth and clean, and better than most radios tested.

No, I don't have a K2. I'd love to, and have been strongly considering getting one, now that my K1 is complete, but I have pretty much decided to get a Ten-Tec Jupiter with my part of the tax refund money (gotta love those kids!)

FWIW,
Brad
K0BHC

> Was reading my QST, February, 2004 last evening and took a gander at the
> K2/100 QSK test...so-so results...first dit RF envelope beginning AFTER
> first-dit key-UP... second-dit RF envelope beginning about 5 milliseconds
> BEFORE second-dit key-up...
>
> So long as it 'sounds' ok?
> I say any rig sounds as it looks...fixed delay in the 'sending station's'
> rig is one thing...I can detect that only by viewing the
waveforms...varying
> delay, whole 'nother story...
> For my own sending, there's how it 'sounds' in my rig's sidetone and then
> there's how it 'sounds' in a properly adjusted separate local receiver...
>
> Anyway...
> I'd like to know what you guys think about the ARRL's conditions under
which
> a rig-under-review is tested for "CW keying waveform",
> particularly regarding the "equivalent keying speed is 60 WPM" spec.
> Granted, all rigs should be tested under equal conditions, but 60
WPM?...how
> 'bout 6 WPM with a scope sweep speed of 100 milliseconds per division...
> Ok, perhaps that'd be swinging to the opposite extreme. Umm...15 WPM with
> scope sweep speed of 40 mS per (using variable sweep, of course), maybe?
> I know, some other digital modes are affected by a rig's 'QSK' abilities
> (especially, a rig's receiver recovery time) but I'm only interested in
> discussing CW for the immediate, including that receiver recovery time(

the
> other half of QSK)....
> And, what about using 14.2 MHz for Hf rigs in CW mode...right, it really
> doesn't matter, technically...14.2 MHz or 14.06 MHz etc...
>
> What do y'all say?
>
>
>
> 73.
> Bill, N4QA

Date: Sat, 17 Jan 2004 11:08:50 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>,
Antennas Reflector <antennas@mailman.qth.net>
Subject: [165564] Antenna Analyzer
Message-ID: <6.0.0.22.2.20040117110532.01e2c860@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A very interesting Antenna Analyzer is in the works from IW3HEV . PC-based (too bad it isn't portable) it looks like a great tool for all sorts of things like filters, line length, capacitance, inductance, RLB, etc. in addition to antennas. The URL is: <<http://members.xoom.virgilio.it/iw3hev/>>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Sat, 17 Jan 2004 10:38:25 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: <k2zn@rochester.rr.com>, "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [165565] Re: Color Code "poem"
Message-ID: <IBEGLCMLCDHHEFLBPHBOCEHFDAAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On 1/17/2004 9:22:45 AM, k2zn@rochester.rr.com wrote:

> Hi
>
> Does anyone know of any ditties related to memorizing the color code
> other than the traditional "bad boys..." version?
> I'm trying to help my
> 11 year old son and don't want to him to learn
> something so... uhh...
> colorful.
>
> Tnx & 72 - Al, K2ZN

Better Be Right Or Your Great Big Project Goes West

W0EB

Date: Sat, 17 Jan 2004 10:43:13 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: Al Scanandoah <k2zn@rochester.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165566] Re: Color Code "poem"
Message-ID: <Pine.LNX.4.33.0401171042230.16773-1000000@madmax.botkin.org>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Jan 2004, Al Scanandoah wrote:

> Does anyone know of any ditties related to memorizing the color code
> other than the traditional "bad boys..." version? I'm trying to help my
> 11 year old son and don't want to him to learn something so... uhh...
> colorful.

Big boys race our young girls, but Violet generally wins.

72,

Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.

NEW PicoKeyer version with pot AND paddle control is here!

Check <http://www.hamgadgets.com> for news.

Date: Sat, 17 Jan 2004 11:55:46 -0500

From: <bill@n4qa.com>

To: <qrp-1@Lehigh.EDU>

Subject: [165567] Re: Color Code "poem"

Message-ID: <001401c3dd1a\$c1a7e580\$e425ad80@f1n5n8>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Al,

The way I always heard it...

"Bad Boys Race Our Young Girls Behind Victory Garden Walls"

ain't that bad is it :0)

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sat, 17 Jan 2004 11:56:42 -0500

From: "NZ8J" <nz8j@woh.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165568] Re: Swan WM-1500 wattmeter// MFJ 971 QRP tuner **SOLD**
Message-ID: <00f101c3dd1a\$e277dc20\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The tuner has been sold, the meter is still available
thanks to all

73

Tim

NZ8J

----- Original Message -----

From: "NZ8J" <nz8j@woh.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 16, 2004 11:52 PM

Subject: FS: Swan WM-1500 wattmeter// MFJ 971 QRP tuner

> Swan WM-1500 wattmeter. Not strictly a QRP meter, but does have 5 watt and
> 50 watt full scale ranges along with the higher 500 and 1500 watt power
> ranges. It reads forward and reflected power. The front panel and meter
face

> are in exc condition. It has a big meter face (approximately 4 1/2" X 3
> 1/2"). The case has some marks and paint chips, but it is just a plain
black

> case and could easily be painted. It works well. Would make a nice test
> bench meter for QRP work, or use in the shack with your qrp rig. I would
> ship and insure priority mail it in the lower 48 for \$48.

>

> MFJ 971 QRP tuner, in excellent condition. In the original box with
manual.

> It has a 300/30 watt or 30/6 watt forward power ranges and will tune
160-10

> meters. Has a built in 4:1 balun for balanced lines. Will ship and insure
> priority mail in the lower 48 for \$78

> for more info go to:

> <http://www.mfjenterprises.com/products.php?prodid=MFJ-971>

>

> Thanks

> Tim

> NZ8J

>

>

>

>

>

Date: Sat, 17 Jan 2004 11:57:02 -0500
From: "Larry Przyborowski" <k3peg@comcast.net>
To: <k2zn@rochester.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165569] Re: Color Code "poem"
Message-ID: <001801c3dd1a\$ee130d20\$6501a8c0@K3PEGMOBILE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sure!

Better Be Right Or Your Great Big Venture Goes Wrong.

73, Larry

Subject: Color Code "poem"

> Hi
>
> Does anyone know of any ditties related to memorizing the color code
> other than the traditional "bad boys..." version? I'm trying to help my
> 11 year old son and don't want to him to learn something so... uhh...
> colorful.
>
> Tnx & 72 - Al, K2ZN

Date: Sat, 17 Jan 2004 10:12:21 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Bud Haynes <kv7g@toast.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165570] Re: Lithium and Lithium-ion
Message-ID: <Pine.LNX.4.44.0401171010520.5281-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Jan 2004, Bud Haynes wrote:

> > Sam's Club has a large section of their camera area devoted to
> > batteries. They have a lot of Lithium and very few Li - Ion batteries.
> > The rechargeable are only available if you also buy a charger. This is
> > likely to change soon.
>
> Wal-Mart sells the Lithiumion batteries in their camera department. They are
> used in Sony digital cameras and several different brands of camcorders.
> They are not cheap, they run about \$60.00 each. They work very well and have
> a long life between charges. In my old Sony Digital you could take up to 500
> photos (about 250 using flash) before having to recharge.

Hi Bud, yes they are not cheap, but you get a good battery for
the price that does what you want it to do.

>
> Bud - KV7G - Yuma, AZ
>
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 17 Jan 2004 11:09:39 -0600
From: "George, W5YR" <w5yr@att.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "noga" <nogaqrp@mailman.qth.net>,
"Antennas Reflector" <antennas@mailman.qth.net>,
Subject: [165571] Re: [Antennas] Antenna Analyzer
Message-ID: <054c01c3dd1c\$b23e0e60\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, Ed- this looks really sharp. Connected to a laptop, it would be
useful in the field as well as the shack. Any idea what the kit will sell
for and when?

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Ed Tanton" <n4xy@earthlink.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>; "noga" <nogaqrp@mailman.qth.net>; "Antennas Reflector" <antennas@mailman.qth.net>
Sent: Saturday, January 17, 2004 10:08 AM
Subject: [Antennas] Antenna Analyzer

> A very interesting Antenna Analyzer is in the works from IW3HEV . PC-based
> (too bad it isn't portable) it looks like a great tool for all sorts of
> things like filters, line length, capacitance, inductance, RLB, etc. in
> addition to antennas. The URL is:
<<http://members.xoom.virgilio.it/iw3hev/>>
>
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Date: Sat, 17 Jan 2004 12:26:37 -0500
From: "Ken Alexander" <kpathai@hotmail.com>
To: brian@iquest.net, qrp-l@Lehigh.EDU, fpqrp-l@fpqrp.com,
QRPP-I@yahoogroups.com
Subject: [165572] RE: [fpqrp] Surplus Parts
Message-ID: <Sea2-F57vNn8VD8o8HK00025fec@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

If I buy some of the 9.8304 MHz crystals would I have to wire three of them in series or parallel to generate a signal on the 10 metre band (29.4912 MHz)?

8-)

73,

Ken - VE3HLS
Sharon, ON
KX1 #112, FPqrp #716

>From: "Brian Murrey" <brian@iquest.net>
>Reply-To: "Brian Murrey" <brian@iquest.net>

>To: "QRP-L" <qrp-l@Lehigh.EDU>, "Flying Pigs" <fpqrp-l@fpqrp.com>,
>"QRPP-l" <QRPP-I@yahoogroups.com>
>Subject: [fpqrp] Surplus Parts
>Date: Sat, 17 Jan 2004 10:07:04 -0500
>
>The list is getting thin...I haven't had much time to scrounge...
>
>Junkbox Surplus Parts for Sale Jan 17th 2004
>=====

The new MSN 8: smart spam protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>
<http://join.msn.com/?page=dept/bcomm&pgmarket=en-ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-ca>

Date: Sat, 17 Jan 2004 12:32:07 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Ken Alexander" <kpathai@hotmail.com>, <qrp-l@lehigh.edu>,
<fpqrp-l@fpqrp.com>, <QRPP-I@yahoogroups.com>
Subject: [165573] Re: [fpqrp] Surplus Parts
Message-ID: <003a01c3dd1f\$d52a7500\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Well, you could TRY it...but I offer no guarantee.

<grin>

----- Original Message -----

From: "Ken Alexander" <kpathai@hotmail.com>
To: <brian@iquest.net>; <qrp-l@Lehigh.EDU>; <fpqrp-l@fpqrp.com>;
<QRPP-I@yahoogroups.com>
Sent: Saturday, January 17, 2004 12:26 PM
Subject: RE: [fpqrp] Surplus Parts

> If I buy some of the 9.8304 MHz crystals would I have to wire three of
them
> in series or parallel to generate a signal on the 10 metre band

(29.4912
> MHz)?
>
> 8-)
>
> 73,
>
> Ken - VE3HLS
> Sharon, ON
> KX1 #112, FPqrp #716
>
>
>
>
>
> >From: "Brian Murrey" <brian@iquest.net>
> >Reply-To: "Brian Murrey" <brian@iquest.net>
> >To: "QRP-L" <qrp-l@Lehigh.EDU>, "Flying Pigs" <fpqrp-l@fpqrp.com>,
> >"QRPP-1" <QRPP-I@yahoogroups.com>
> >Subject: [fpqrp] Surplus Parts
> >Date: Sat, 17 Jan 2004 10:07:04 -0500
> >
> >The list is getting thin...I haven't had much time to scrounge...
> >
> >Junkbox Surplus Parts for Sale Jan 17th 2004
> >=====

> >9.8304 Mhz Crystals, 1/4 in tall - 20 for \$5.00
>
>

> The new MSN 8: smart spam protection and 2 months FREE*
> <http://join.msn.com/?page=features/junkmail>
>
<http://join.msn.com/?page=dept/bcomm&pgmarket=en-ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-ca>
>
>
>

Date: Sat, 17 Jan 2004 11:33:38 -0600
From: Rob Matherly <jimrob@jetnetinc.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165574] Re: Color Code "poem"
Message-ID: <400971F2.4080301@jetnetinc.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Al Scanandoah wrote:

> Hi
>
> Does anyone know of any ditties related to memorizing the color code
> other than the traditional "bad boys..." version? I'm trying to help
> my 11 year old son and don't want to him to learn something so...
> uhh... colorful.
>
> Tnx & 72 - Al, K2ZN
>
I was taught:

Big Boys Race Our Young Girls But Violet Generaly Wins

My electronics teacher was in the Navy and learned a dirty version, but
he'd never tell us what it was. I'm still trying to get someone to tell
me, lmao

--
72/73/oo - Rob, W0JRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPp-I #19; WATPK #1; SOC #442; ARS #1143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
<http://www.robmatherly.com> <--- Not ham related!

Date: Sat, 17 Jan 2004 12:45:56 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@Lehigh.EDU
Cc: qrp-canada@gpfn.sk.ca
Subject: [165575] TT Scout/Argo 556 Band modules don't fit well?
Message-ID: <00DF7067-4915-11D8-BA43-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v553)
Content-Transfer-Encoding: 7bit

Folks :

I just thought that I would pass on a useful tidbit of info for Scout
and Argo 556

users. If you are having problems getting your band modules to seat properly you might need to physically realign the band module slot.

You will need to do this if

A) You can't get your band modules to fit flush in the slot.
(Note you should ensure that this is a problem with multiple modules. If there is only a problem with a single module then you should check the connectors on that module to make sure the problem isn't due to bent connectors on the module.)

B) You find that it seems to require a little too much force to get the modules in. Again it should be an issue with multiple (ie all of them) modules not just one or two.

The procedure to correct this is simple.

Remove the 2 black screws on each side of the rig.
This will allow you to remove both top and bottom covers.

While holding the rig with the front panel facing you, note the two stacked silver colored screws on the left side of the rig at the rear left of the band module slot.

If you look closely you can see that these screws are attached to the small PCB at the back of the band module slot via a small L-bracket.

By loosening these screws slightly you can make minor changes to the orientation of the PCB containing the band module connectors.

I found it to be a bit of trial and error. When you have things aligned correctly you should be able to insert the modules so that they are fully seated (ie flush with the face of the rig) with a minimum of force. Once you have done this verify that all your modules fit fine and rig is working ok with each module inserted.

If the alignment gets too bad and you don't correct it you are likely to either damage the band modules or the slot itself either by bending the connectors or causing excessive wear to the contacts.

Cheers

Michael VE3WMB

Date: Sat, 17 Jan 2004 11:51:43 -0600
From: "pschweit" <pschweit@mninter.net>
To: <w5yr@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [165576] Cable weight
Message-ID: <001601c3dd22\$939a5ee0\$93e6add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does any one have a listing of cable specifications

i want to know how heavy 450 ohm line is per 100 ft?
same thing with 300 ohm tv twinlead?

thank you
Rob
K0CD

Date: Sat, 17 Jan 2004 12:59:14 -0500
From: "John" <johndorson@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [165577] Cable for ScQRPion paddles
Message-ID: <000c01c3dd23\$a27c6100\$9a9a8b41@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If anyone needs a cable for their ScQRPion paddle, I just cut one off of a broken earphone set.

You are welcome to it. Send me your full name, call sign and address and I will mail it to you on Monday.

Sorry but the first to ask gets it.

John K2JHU...
South Island Real Estate
johndorson@worldshare.net

Date: Sat, 17 Jan 2004 10:14:07 -0800
From: Jim Ford <n6jff@comcast.net>
To: qrp-l@lehigh.edu
Subject: [165578] re: Color code poem
Message-ID: <4.3.2.7.2.20040117101243.0252b108@mail.comcast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

How about:

Big Beautiful Roses Occupy Your Garden But Violets Grow Wild

Jim Ford

Date: Sat, 17 Jan 2004 13:30:07 -0500 (Eastern Standard Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <qrp-l@Lehigh.EDU>, <kpathai@hotmail.com>
Subject: [165579] RE: [fpqrp] Surplus Parts
Message-ID: <40097F2F.000004.01932@etower>
MIME-Version: 1.0
Content-Type: Text/Plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think you might need a why or delta arrangement like they do for three phase power. The next problem to solve is what to do with the third lead you will have. Maybe if you were going to use a simple FET oscillator you could use a dual gate MOSFET if you can find one. You will need a phase shift network, best to adjust it with the antenna analyzer the NJQRP group is working on when its done.

Did I tell you that day after day of snow and cold can do strange things to people? :)

73/72 and Sunny wouldn't that be nice weather?
Mike, WA8BXN

-----Original Message-----

From: kpathai@hotmail.com
Date: 01/17/04 13:05:55
To: Low Power Amateur Radio Discussion
Subject: RE: [fpqrp] Surplus Parts

If I buy some of the 9.8304 MHz crystals would I have to wire three of them in series or parallel to generate a signal on the 10 metre band (29.4912 MHz)?

8-)

73,

Ken - VE3HLS
Sharon, ON
KX1 #112, FPqrp #716

>From: "Brian Murrey" <brian@iquest.net>
>Reply-To: "Brian Murrey" <brian@iquest.net>
>To: "QRP-L" <qrp-l@Lehigh.EDU>, "Flying Pigs" <fpqrp-l@fpqrp.com>,
>"QRPP-1" <QRPP-I@yahoogroups.com>
>Subject: [fpqrp] Surplus Parts
>Date: Sat, 17 Jan 2004 10:07:04 -0500
>
>The list is getting thin...I haven't had much time to scrounge...
>
>Junkbox Surplus Parts for Sale Jan 17th 2004
>=====

>9.8304 Mhz Crystals, 1/4 in tall - 20 for \$5.00

The new MSN 8: smart spam protection and 2 months FREE★
<http://join.msn.com/?page=features/junkmail>
<http://join.msn.com/?page=dept/bcomm&pgmarket=en-ca&RU=http%3a%2f%2fjoin.msn.com%2f%3fpage%3dmisc%2fspecialoffers%26pgmarket%3den-ca>

Date: Sat, 17 Jan 2004 13:27:32 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <bill@n4qa.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [165580] RE: [qrp-l] ARRL rig reviews QSK test...
Message-ID: <000701c3dd2f\$f45e5490\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I don't think it makes sense to include *only* 60 WPM results. The only way it *would* make sense is if the keying were perfect at that speed. Then I'd know it would also be fine at lower speeds.

But if it's not fine at 60 WPM, what have I learned? Is it OK at 40 WPM? I'd suspect that fewer than 1% of CW ops carry on QSOs at 60 WPM, even allowing that a few more than that can copy that speed.

Now to the specific test of the K2 at 100 watts: The O'scope trace is pretty weird, alright. [New QST, page 79] You assume that the upper inflection of the keying waveform is 'key-down', but then how did the rig know that a second dit was coming, as you pointed out. So maybe the lower part of the trace means key down. The time between dits is a little less than the key-up time of 20 ms. I guess the rig stretches time a little to avoid shortening and it's overdone a little. Still, for 60 WPM, that trace looks pretty good to me.

72--Nick, WA5BDU

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of bill@n4qa.com

Sent: Saturday, January 17, 2004 9:30 AM

To: Low Power Amateur Radio Discussion

Subject: [qrp-l] ARRL rig reviews QSK test...

Was reading my QST, February, 2004 last evening and took a gander at the K2/100 QSK test...so-so results...first dit RF envelope beginning AFTER first-dit key-UP... second-dit RF envelope beginning about 5 milliseconds BEFORE second-dit key-up...

Anyway...

I'd like to know what you guys think about the ARRL's conditions under which a rig-under-review is tested for "CW keying waveform", particularly regarding the "equivalent keying speed is 60 WPM" spec.

What do y'all say?

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sat, 17 Jan 2004 13:35:56 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <sswhite@mchsi.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [165581] RE: [qrp-l] Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <000801c3dd31\$2083cb30\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

You just can't go wrong with the AmQRP / NJQRP board. It's small, it's well made. It gives you just enough components to power the thing and amplify / filter its output, but leaves the controlling part totally up to you. For that, NJQRP has a couple projects and PC solutions you can use, or you can go your own way.

72--Nick, WA5BDU

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Steve

I have gotten my little grubby fingers on a couple of AD9850's and I am itching to build up a good digital vfo or signal generator. Someone must know who makes a good board for this kind of thing, I am ready to get some one order and give this new devices something to do worthwhile.

Steve NU0P

Date: Sat, 17 Jan 2004 14:54:15 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: hubby2k@hotmail.com, QRP-L <qrp-l@lehigh.edu>
Subject: [165582] RE: [fpqrp] Surplus Parts
Message-ID: <6.0.1.1.2.20040117145228.01fbc390@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

"we" I think, Mike. If you wire all the leads together, do you have a we not?

At 01:30 PM 1/17/2004, you wrote:

> I think you might need a why or delta arrangement like they do for three
>phase power. The next problem to solve is what to do with the third lead
>you will have. Maybe if you were going to use a simple FET oscillator you
>could use a dual gate MOSFET if you can find one. You will need a phase
>shift network, best to adjust it with the antenna analyzer the NJQRP group
>is working on when its done.
>
>Did I tell you that day after day of snow and cold can do strange things to
>people? :)
>
>73/72 and Sunny wouldn't that be nice weather?
>Mike, WA8BXN

Ed

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 17 Jan 2004 14:58:17 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [165583] Re: Color Code "poem"
Message-ID: <400993D9.8030201@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thanks to all who responded. I now have a variety of options; my son is
on his own to discover the saltier version :-)

Al, K2ZN

Date: Sat, 17 Jan 2004 14:56:18 -0500
From: "Bob Schreibmaier" <k3ph@ptd.net>
To: <bill@n4qa.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [165584] Re: ARRL rig reviews QSK test...
Message-ID: <002b01c3dd33\$f930c760\$6400a8c0@k3ph>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Bill, et al.,

>I'd like to know what you guys think about the ARRL's conditions under
which
>a rig-under-review is tested for "CW keying waveform",
>particularly regarding the "equivalent keying speed is 60 WPM" spec.

As I think someone mentioned, this only seems to be stressing
the capabilities of the radio. However, I would like to see
the waveform at other speeds, too. Even when contesting,
I rarely go much above 30 wpm. If I start going too fast,
I seem to get a lot fewer answers!

The other thing I would like to see them include is tests
for key clicks. Very few radios today seem to have the rise
and fall times designed appropriately to prevent key clicks.
Unfortunately, even the K2 is guilty in this regard,
particularly the fall time. According to W8JI's web site
(http://www.w8ji.com/what_causes_clicks.htm), the ARRL
recommended rise and fall times should be about 5 ms.
The ARRL review of the K2/100 seems to show a fall time
of 2 ms or less, and the rise time isn't much better.

Having said that, I'm sure Eric knows about this and will
have a fix in the works at some point in time.

72/73,

 /-----) /
 /-----/ /-----) /-----) (-----) /-----) /-----
/-----) /-----) /-----) /-----) /-----

/_____/ /_____/ /_____/ _____/ (____ / / / . . .

+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org |
+-----+

Date: Sat, 17 Jan 2004 11:56:59 -0800
From: "Lee Hopper" <leehopp@msn.com>
To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>
Subject: [165585] Fw: [SOC] Ever tried CWCom?
Message-ID: <BAY4-DAV23ealTJE6NW00019c35@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ham friends who enjoy CW -

I have just gotten set up for this and it sounds like fun so I'm passing it on. And it's FREE !

If anyone needs help setting up the key interface to your computer, please let me know. I'm not an expert but now that I'm set up, maybe I can help.

73 -

Lee Hopper, NB7F
Portland, OR

----- Original Message -----

From: "Chris Redding" <chris.redding@g4pdj.freemove.co.uk>
To: <soc@mailman.qth.net>
Sent: Saturday, January 17, 2004 5:37 AM
Subject: [SOC] Ever tried CWCom?

> If you like CW, have you tried the morse version of Echolink (CWCom)?
> It works in a similar way, and you can easily wire your key/keyer up to
> the
> computer and away you go.
>
> Download it from www.mrx.com.au

>
> It's not radio, but it is definitely morse, and good fun. New faces are
> appearing nightly, but new users are desperately needed to get the ball
> really rolling....You don't even need to hold a ham licence.
>
> You can send morse with a hand key or bug, also text each other via the
> keyboard - but not speak.
>
> The morse is real...not artificially generated. You can still tell the
> different 'fist' styles that people send in.
>
> Hook-up an old spare key to a serial plug (see the color photo in 'help'),
> and maybe see a few of you on Morsenet1 (on channel 100) later. (after
> about 22:00 UTC)
>
> Maybe if enough come on, we can arrange an SOC 'Channel' (there are
> thousands to choose from) to meet up or use 'morsemail' to heckle each
> other
> in morse :-).
>
> All the best,
> Chris G4PDJ
>
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.561 / Virus Database: 353 - Release Date: 13/01/04
>
> -----
> SOC mailing list
> SOC@mailman.qth.net
> <http://mailman.qth.net/mailman/listinfo/soc>
>

Date: Sat, 17 Jan 2004 14:58:29 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU
Subject: [165586] diode protection..
Message-ID: <6.0.1.1.2.20040117145531.01d88e28@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

working on my k1 now, and while i am at it, i want to make a better

protection scheme for hooking up a battery...

i already have a fuse (2A) inline with the positive lead..

i would like to add a diode.. so that if the current is mixed up, it won't fry like my hw-8 did (btw, with everyone's help, i think i found the problem...) .. anyway..

i dug around in my junk boxes, and i found a 1N4001..

will this work?

how would i go about finding an acceptable diode?

btw.. i looked for a spec sheet on the 1n4001, and it seems like it should be okay..

thanks!

peace,
...sergio
photographer, journalist, visionary

www.village-buzz.com <- read my blog
www.coffee-black.com <- my photography

Date: Sat, 17 Jan 2004 15:08:52 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [165587] RE: [qrp-1] ARRL rig reviews QSK test...
Message-ID: <002e01c3dd35\$bbc411a0\$e425ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Nick and the gang.
I'm quite sure that the 'low' state of the upper trace is the key-DOWN state...

73.
Bill, N4QA

<http://www.n4qa.com>

Date: Sat, 17 Jan 2004 13:23:46 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165588] RE: [qrp-1] ARRL rig reviews QSK test...
Message-ID: <Pine.LNX.4.44.0401171318220.5281-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Jan 2004, Nick Kennedy wrote:

>
> Now to the specific test of the K2 at 100 watts: The O'scope trace is
> pretty weird, alright. [New QST, page 79] You assume that the upper

Guys have you never had a problem with sync when you have a lot
of RF in the "Shack"? It's clear to me that the dual trace scope lost
lock for the second and probably all the further cycles.

The picture and the words saying what is happening make me think
the K2/100 is darn good on CW. I know the little 35 watt amp I built for
my FT-817 is a heck of a lot worse! I'm just going to stay QRP.

> inflection of the keying waveform is 'key-down', but then how did the
> rig know that a second dit was coming, as you pointed out. So maybe the
> lower part of the trace means key down. The time between dits is a
> little less than the key-up time of 20 ms. I guess the rig stretches
> time a little to avoid shortening and it's overdone a little. Still,
> for 60 WPM, that trace looks pretty good to me.

>
>

> 72--Nick, WA5BDU

>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
> Of bill@n4qa.com
> Sent: Saturday, January 17, 2004 9:30 AM
> To: Low Power Amateur Radio Discussion
> Subject: [qrp-1] ARRL rig reviews QSK test...

>
>

> Was reading my QST, February, 2004 last evening and took a gander at the
> K2/100 QSK test...so-so results...first dit RF envelope beginning AFTER
> first-dit key-UP... second-dit RF envelope beginning about 5
> milliseconds BEFORE second-dit key-up...
>
> Anyway...
> I'd like to know what you guys think about the ARRL's conditions under
> which a rig-under-review is tested for "CW keying waveform",
> particularly regarding the "equivalent keying speed is 60 WPM" spec.
>
> What do y'all say?
>
> 73.
> Bill, N4QA
> <http://www.n4qa.com>
>
>
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 17 Jan 2004 12:28:14 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
fpqrp-1@mpna.com
Subject: [165589] multiPIG+ #14: QRV on 17!
Message-ID: <20040117202814.39346.qmail@web41003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I finally got some time to play radio today, and
wanted to try the MP+ on 17M.

I got the piggie rig hooked up to the wattmeter,
to peak the BPF. I wanted to hear some noise to help
find the ballpark, so I hooked up also my loop, thru a
balun, but no tuner, at maybe a 2:1 SWR, or a little
worse.

Once I was sure the BPF was right, I tuned around a
little and worked 3B9FR, 18.069.60, 1946Z. 559 both
ways. What a nice welcome to a new-to-me band!

72!

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRPParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Sat, 17 Jan 2004 14:40:19 -0600
From: Wayne Rogers <w5kdj@juno.com>
To: qrp-l@lehigh.EDU
Subject: [165590] 28mhz
Message-ID: <20040117.144020.-1758601.0.w5kdj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Band is open, I'm QAP 28.060 at .1 watts if any one around.

Wayne_W5KDJ
ex: SV0WWW_TF2WJN 100% CW
ARS_1392 ARCI_11325 FP-626 e-QSL
FISTS_10060 SOC_538 HQRP ARRL

Date: Sat, 17 Jan 2004 14:41:47 -0600
From: "John Cook" <otterc@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [165591] 10 meters open
Message-ID: <410-220041617204147117@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

10 meters is open again today, no problem working CA stations from here in AR with a 2 Watt Mizuho 10 meter SSB handheld and base loaded 48"

whip.

Yesterday heard stations very far south in Chile but couldn't break through the pileup with my 2 watts... 10 M is great for QRP and small antennas when its open!!

73/72
kd5sje

John Cook
otterc@earthlink.net

Date: Sat, 17 Jan 2004 20:44:18 -0000
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [165592] RE: diode protection..
Message-ID: <FDEOKGEJJFNPABJIJGDDIEKNHEAA.radioham@gmx.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

>
> i already have a fuse (2A) inline with the positive lead..
>
> i would like to add a diode.. so that if the current is mixed up, it won't
> fry like my hw-8 did (btw, with everyone's help, i think i found the
> problem...) .. anyway..
>
> i dug around in my junk boxes, and i found a 1N4001..
>
> will this work?
>

If I recall correctly, a 1N4001 is a 1 Amp diode.

The object of the diode is to conduct if you connect the power in the wrong direction, clamping the voltage to 0.7 Volts and blowing the fuse.

If you are going to protect the equipment, you need the diode to have a forward current which is higher than the fuse, otherwise the fuse will not blow, but the diode will, letting the negative voltage into the equipment to reap havoc.

I also would not consider putting two 1N4001 diodes in parallel as if one has a slightly lower forward resistance, it will blow first and then the second one

will go.

You need to search out a diode with a forward current of at least 2Amps and I would recommend 5Amps for safety.

72/73

Ray, G4FON

Date: Sat, 17 Jan 2004 14:51:26 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: "Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
"QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Cc: <dave@smallwonderlabs.com>
Subject: [165593] First Hellschreiber QSO with the Modified PSK-20
Message-ID: <IBEGLCMLCDHHEFLBPHB00EHHDAAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After modifying the PSK-20 to work pretty much all modes, I set making at least one QSO per mode. Everything had come about except Hellschreiber. I hadn't heard anyone on, and nobody had answered any of my CQ's. Today, about 2:15 p.m. CST, I set the rig on 14,078.200 with an 1800Hz tone running Hellschreiber, and called CQ. After a couple of minutes and no answer, I was just getting ready to go back on RTTY when I heard this weak Hellschreiber signal and it turned out to be W1AW of all stations, and answering my CQ. Folks, that don't happen every day! First Hellschreiber contact with the little rig, and my first QSO ever on Hellschreiber with W1AW. Have worked them a bunch of times on CW, but never on RTTY or Hell, so I'm gonna have to frame that QSL card hi. Nuff crowing, but all thanks go to the Flying Pigs QRP Club, International for holding the Worked All Pigs contest in 2003, and Mikey WB8ICN for donating the rig as 3rd prize for the contest. Oh yeah, also to Trevor KG6CYN for designing the DDS signal generator project that I'm using as a VFO.

Jim, W0EB
FP#616

Date: Sat, 17 Jan 2004 14:56:37 -0600
From: Karl Heimbach <kheimbach@ev1.net>
To: forsale-swap@mailman.qth.net, qrp-1@Lehigh.EDU
Subject: [165594] CPCW-5 Cake Pan QRP Tube Transmitter for sale
Message-ID: <5.1.0.14.2.20040117145406.00b1a628@mail.ev1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Had this on Ebay and not much interest. I'd like \$55.00 plus shipping if anyone is interested. Here is the description:

Vintage Radio QRP tube CPCW-5 Cake Pan Transmitter for sale. Crystal controlled, uses a 6C4 for the xtal oscillator and a 6AQ5 as the RF amp. Comes with separate plug-in coils for 40, 80, and 160 meter transmit. Average of about 5 watts output. Works perfectly. With instruction manual.

Can email photos.

Thanks,

Karl - W5QJ

Date: Sat, 17 Jan 2004 13:00:57 -0800
From: Stephen Wandling <stephen@SwiftsureConsulting.com>
To: wb0wao@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165595] SMT adaptor boards??
Message-ID: <4009A289.6080609@SwiftsureConsulting.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

I think this is a *brilliant idea*! I had considered making something exactly like this for several SMT parts I have, but my PCB creation skills are untested. I would sure buy some.

Stephen

Dennis Ponsness wrote:

> What would be ideal is if a group would produce an "adaptor board"
> that would have the outline of the '9850 (or similar SMT IC's) with

> traces running from the pins to larger pads that could be soldered
> to. The boards could then be cut out and used with Manhattan
> construction or whatever. Heck, you could get several of these on a
> 3x5 or 4x6 board and have room left over for "adaptors" for SOT-23
> transistors, ADE-1 mixers and other common SMT stuff that we could use.

Date: Sat, 17 Jan 2004 16:04:49 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [165596] Fwd: R: Antenna Analyzer
Message-ID: <6.0.1.1.2.20040117160208.02033ec0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I will be ordering one shortly. Will advise when operational. Have that
Elecraft RX Sig Gen and a DSW20-II I'm building ahead of it.

>From: "Davide Tosatti" <datos@libero.it>
>To: "Ed Tanton" <n4xy@earthlink.net>
>Subject: R: Antenna Analyzer
>Date: Sat, 17 Jan 2004 21:25:54 +0100
>
>
>Hi Ed,
>thank you for your suggestions, I will think about it.
>At the moment hereby the price:
>The Pcb KIT (sw. included) is 30 euros + 10 delivery
>The complete KIT (sw included) wiht all componets is 135 euros + 10 delivery
>The assembled unit is 169 euros + 10 delivery.
>If you wish you can pay via PayPal to datos@libero.it
>
>Regards,
>Davide Tosatti
>iw3hev

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 17 Jan 2004 15:21:03 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <sergio@village-buzz.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [165597] RE: [qrp-1] diode protection..
Message-ID: <001601c3dd3f\$cff03550\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There are a couple of ways to use the protection diode.

One is to put it in series with the positive line so it blocks reverse polarity. The advantage is that no fuse has to blow or anything when you hook it up backwards. The disadvantage is that you lose "one diode" drop of voltage to the rig--meaning about 0.7 volts, in normal service. This may not be critical if you use a 13.8 volt supply or an adjustable one you can crank up. It is more critical if you use a battery and you want to get all you can out of it. For the series diode method, many folks use shottky diodes, because they drop less voltage in conduction. Maybe 0.4 volts instead of 0.7.

The 1N4001 is probably OK. It's a one amp diode, which is probably all that rig pulls on transmit, more or less. A two amp would give a little

margin though. I think it's a 50 PIV, so it should be able to block 12 V OK.

The other method is to put a fuse in line and put the diode in reverse biased to ground, downstream of the fuse. Advantage is that there's no voltage drop in normal service. Disadvantage is that you blow a fuse and draw a spike of current when you hook things up backwards. Also, there will be some brief reverse voltage on the rig for the time it takes the fuse to blow, but it won't be a full -12 volts. With this method, you need to be sure your power supply isn't current limited at a value less than (or close to) the fuse value, or it may take a long time to blow the fuse. Or it won't blow at all.

Still another method is to use a full wave diode bridge at the input. Hook the DC where the AC input normally goes. This is foolproof and there is no such thing as backwards. Disadvantage is that now you lose TWO diode drops of voltage drop.

On troubleshooting (the HW-8), look your schematic over. Hopefully, the transmit circuits did not become energized and so weren't harmed. Look at components (polarity sensitive ones) that have little or no resistance to the supply line as more susceptible than those with big resistors limiting current. Electrolytics directly across the line are highly suspect.

If you can energize the rig, see if transistors that should be active have 0.5 to 0.7 volts from base to emitter. Heath is good about putting voltage values on the schematic. Check them out.

Good luck / 72-

Nick, WA5BDU

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of sergio

working on my k1 now, and while i am at it, i want to make a better protection scheme for hooking up a battery...

i already have a fuse (2A) inline with the positive lead..

i would like to add a diode.. so that if the current is mixed up, it won't

fry like my hw-8 did (btw, with everyone's help, i think i found the

problem...) .. anyway..

i dug around in my junk boxes, and i found a 1N4001..

will this work?

how would i go about finding an acceptable diode?

btw.. i looked for a spec sheet on the 1n4001, and it seems like it should be okay..

thanks!

Date: Sat, 17 Jan 2004 13:20:42 -0800
From: Stephen Wandling <stephen@SwiftsureConsulting.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165598] Re: Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <4009A72A.3040106@SwiftsureConsulting.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

My vision of Dennis' idea would look like Fig 3 or 4 of the 9000 series, but without the outer ring of pads. (I guess the outer ring might be useful for integrating smt resistors or caps.) But, I don't see any 28 pin models for the '9850.

Stephen

VE3JC John Cumming wrote:

> The "surfboard" family of smt boards are great for this.
>
> <http://dkc3.digikey.com/pdf/T041/1090.pdf>
>
> You can see an extremely ugly application of these surfboards on page
> 24 of the Summer 2003 Qrp Quarterly.
>
> 72, John VE3JC
>
> Dennis Ponsness wrote:
>

>> What would be ideal is if a group would produce an "adaptor board"
>> that would have the outline of the '9850 (or similar SMT IC's) with
>> traces running from the pins to larger pads that could be soldered
>> to. The boards could then be cut out and used with Manhattan
>> construction
>

Date: Sat, 17 Jan 2004 13:18:54 -0800
From: "PHILIP DECAIRE" <pedecaire@email.msn.com>
To: <qrp-l@Lehigh.EDU>
Subject: [165599] RE: [fpqrp] Surplus Parts
Message-ID: <004901c3dd3f\$83f5fb80\$0e5c2a43@grape>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken -

In a more serious vein, you could probably run one in a 3rd overtone oscillator and end up on 10M. The 3rd OT is usually not exactly 3x the fundamental crystal frequency, but many crystals work very well in overtone circuits. The basis for my club's 10M beacon was an old 9.417 MHz crystal I just happened to inherit.

Phil WB7AEI

Date: Sat, 17 Jan 2004 15:06:55 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [165600] Ten open again
Message-ID: <Pine.LNX.4.44.0401171502550.5281-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just finished a long QSO from here to Long Branch, NJ with KA2UQW who started out the QSO on 28.025 at 90 watts from his Ten Tec but then cranked it down to 5 watts when he learned that was what I was running. So we continued on at the 5 watt level until we ended. Andy

said it was the first time he had ever been QRP.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 17 Jan 2004 16:00:22 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "FPigs" <fpqrp-1@mpna.com>, "qrp-1" <qrp-1@lehigh.edu>
Cc: "FSQRP" <4sqrp@mailman.qth.net>,
"Elecrafft@mailman.qth.net" <elecrafft@mailman.qth.net>
Subject: [165601] RUN FOR THE BACON
Message-ID: <001301c3dd45\$4f1eb400\$4a78da0c@mchsi.com>

Well folks, I've been so busy with the current project, I've lost track of time and date.

I apologize for not getting this out sooner but for what it's worth !!

This is your official invitation to join the Flying Pigs QRP Club International in January's addition of the RUN FOR THE BACON sprint.

www.fpqrp.com

Rules at
<http://www.fpqrp.com/fpqrpapun.html>

This month's sprint will run from 0100z to 0300z tomorrow evening. (Monday morning in UTC)

Here is a good opportunity to get a good start in the WASP (Worked All States Pigs)

All you piggies get your gear wiped off, fired up, and get ready to get muddy along with the rest of us. Only time will tell who can do the best job of playing in the mud and coming out the cleanest.

I have to drop a couple of reminders at this point !!

>From our piggy partner Bill (N7MFB) there will be an alternate freq on 40 meters and I expect you will find some of our piggy partners hanging around. (7.113 - 7.116)

The usual watering holes will still be in use on or near 1812,

3562, 7.044, 14062, 21062, 27185 (for Brian / breaker breaker, com
oooooooooooo) and 28062.

(Even though the WASP allow use of other modes, remember the RFTB is
CW only).

For all you non piggies, we invite you to join us in the fun as we
do our best to light up the air ways
and put a cool cap on the weekend. EVERYBODY IS INVITED TO JOIN IN
AND HAVE FUN.

Don't forget that logging your results is made easy by using the
AUTOLOG on the lower part of this page.
<http://www.fpqrp.com/fpqrpun.html>

Of course, you can always send me your logs via the e-mail / street
address noted on the same page and I'll make sure they are entered
into the data base.

So, come one, come all and claim your spot in piggie history.

Hope to hear you all in there having some fun.

72 es Oink Oink Jerry N0JRN

FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. MP + #8
<http://home.mchsi.com/~n0jrn>

Date: Sat, 17 Jan 2004 14:25:28 -0800
From: Mik Ishmael <mightymik2@comcast.net>
To: stephen@SwiftsureConsulting.com
Cc: Low Discussion <qrp-l@lehigh.edu>
Subject: [165602] Re: SMT adaptor boards??
Message-ID: <0D7B5F12-493C-11D8-B1F6-000A277EDE44@comcast.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v553)
Content-Transfer-Encoding: 7bit

I found these recently...might be a little pricey for tight budgets,
but overall cost is like 33 cents each? depending on which set of pads
ya need...

<http://www.beldynsys.com/>

On Saturday, January 17, 2004, at 01:00 PM, Stephen Wandling wrote:

> I think this is a *brilliant idea*! I had considered making something
> exactly like this for several SMT parts I have, but my PCB creation
> skills are untested. I would sure buy some.

>

> Stephen

>

> Dennis Ponsness wrote:

>

>> What would be ideal is if a group would produce an "adaptor board"
>> that would have the outline of the '9850 (or similar SMT IC's) with
>> traces running from the pins to larger pads that could be soldered
>> to. The boards could then be cut out and used with Manhattan
>> construction or whatever. Heck, you could get several of these on a
>> 3x5 or 4x6 board and have room left over for "adaptors" for SOT-23
>> transistors, ADE-1 mixers and other common SMT stuff that we could
>> use.

>

>

>

Date: Sat, 17 Jan 2004 14:35:39 -0800

From: "Rich Johnson" <rjohnson390@comcast.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [165603] stereo Phone plugs

Message-ID: <00d701c3dd4a\$3bc91c60\$2605ab43@END0EB86CD98A1>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm home-brewing equipment and stereo phone jacks come in 1/8 in, 1/4 in,
2.5 mm and 3.5 mm.

What is each used for in the amateur radio world 90% of the time?

cheers,
rich

Date: Sat, 17 Jan 2004 17:28:20 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [165604] Re: Who Makes Good AD9850 Digital VFO Boards??
Message-ID: <00d401c3dd49\$360f4f70\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trouble with the Surfboards is that they're almost all for SOICs. You can almost do those Manhattan style. The TSSOPs like the AD9850 have their legs a lot closer together and are a real pain without a decent board.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Stephen Wandling" <stephen@SwiftsureConsulting.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 17, 2004 4:20 PM
Subject: Re: Who Makes Good AD9850 Digital VFO Boards??

> My vision of Dennis' idea would look like Fig 3 or 4 of the 9000 series,
> but without the outer ring of pads. (I guess the outer ring might be
> useful for integrating smt resistors or caps.) But, I don't see any 28
> pin models for the '9850.
>
> Stephen
>
> VE3JC John Cumming wrote:
>
> > The "surfboard" family of smt boards are great for this.
> >
> > <http://dkc3.digikey.com/pdf/T041/1090.pdf>
> >
> > You can see an extremely ugly application of these surfboards on page
> > 24 of the Summer 2003 Qrp Quarterly.
> >
> > 72, John VE3JC
> >
> > Dennis Ponsness wrote:
> >
> >> What would be ideal is if a group would produce an "adaptor board"

> >> that would have the outline of the '9850 (or similar SMT IC's) with
> >> traces running from the pins to larger pads that could be soldered
> >> to. The boards could then be cut out and used with Manhattan
> >> construction
> >
>
>
>
>

Date: Sat, 17 Jan 2004 17:32:25 -0500 (EST)
From: <n2go@arrl.net>
To: Ed Tanton <n4xy@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165605] Re: Fwd: R: Antenna Analyzer
Message-ID: <Pine.LNX.4.33.0401171731390.3077-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi,
Is the Euro on par with the Dollar yet or did it pass it?

73,

Jim n2go

On Sat, 17 Jan 2004, Ed Tanton wrote:

> I will be ordering one shortly. Will advise when operational. Have that
> Elecraft RX Sig Gen and a DSW20-II I'm building ahead of it.
>
> >From: "Davide Tosatti" <datos@libero.it>
> >To: "Ed Tanton" <n4xy@earthlink.net>
> >Subject: R: Antenna Analyzer
> >Date: Sat, 17 Jan 2004 21:25:54 +0100
> >
> >
> >Hi Ed,
> >thank you for your suggestions, I will think about it.
> >At the moment hereby the price:
> >The Pcb KIT (sw. included) is 30 euros + 10 delivery
> >The complete KIT (sw included) wiht all componets is 135 euros + 10 delivery
> >The assembled unit is 169 euros + 10 delivery.
> >If you wish you can pay via PayPal to datos@libero.it
> >

> >Regards,
> >Davide Tosatti
> >iw3hev
>
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: <http://www.n4xy.com>
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
> -----
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain
> -----
>
>
>

Date: Sat, 17 Jan 2004 16:41:58 -0600
From: Karl Heimbach <kheimbach@ev1.net>
To: forsale-swap@mailman.qth.net, qrp-l@Lehigh.EDU
Subject: [165606] Vintage Radio Cake Pan Transmitter has been sold
Message-ID: <5.1.0.14.2.20040117162618.00b68dd8@mail.ev1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Wow, sure got a bunch of inquiries in just a few minutes. However, it has

been sold.

Thanks,

Karl - W5QJ

Date: Sat, 17 Jan 2004 14:43:14 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: HF Beacon list <hfbeacons@explore.plus.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [165607] 30 meter beacon
Message-ID: <20040117224314.87504.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

With the help of Gene, N0MQ, and his QRP power meter,
we determined that my 30 meter beacon puts out 100 mW.

Tomorrow (19 Jan 2004) I plan to operate it just about
all day & into the night, starting around 1400 UTC and
ending probably around 0300 UTC. The frequency will
be 10.146.

More details about my beacon at
http://www.geocities.com/n2uhc_2/30m_bcn.html

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
<http://hotjobs.sweepstakes.yahoo.com/signingbonus>

Date: Sat, 17 Jan 2004 15:49:25 -0700
From: "NORM KLIEMAN" <k9nk@msn.com>

To: qrp-1@Lehigh.EDU
Subject: [165608] FOR SALE DSW-20 - PRICE REDUCED WITH EXTRAS - FREE SHIPPING
Message-ID: <BAY5-F27WNKuBWMDA4B00020837@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

DSW-20 for sale in Excellent Condition with Small Wonder Labs Blue Case.
Includes newer 1.2 AH Gel Cell Battery and a portable 20 meter dipole - FREE
Shipping lower 48 states.

Price: \$110

Reply direct to: k9nk@msn.com

Learn how to choose, serve, and enjoy wine at Wine @ MSN.
<http://wine.msn.com/>

Date: Sat, 17 Jan 2004 18:24:32 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: rjohnson390@comcast.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
Subject: [165609] Re: stereo Phone plugs
Message-ID: <6.0.1.1.2.20040117175727.01f51268@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

It kinda varies, Rich-mostly by application. I am doing an article for QRP
ARCI Quarterly about the subject now. A quick summary would be:

Headphones: used to be 1/4" now mostly 3.5mm, likely stereo, connectors.
You can find 2.5mm, but that mm makes a serious difference in mechanical
strength. Mouser does have a really neat little 2.5mm plug though you'll
find not much to plug it into besides what you build. Unless you seriously
need the space, use the 3.5's.

Keys: mixed... probably more 1/4" for transmitters/transceivers w/o
built-in keyers but 3.5mm for the rest. Stereo connectors for paddles.

(Audio) Line Out: RCA jacks. I use these for almost any audio, single line,
output. The "Line Out" thing is the 500 ohm output for RTTY, etc.

Power Input: 1) 'Low' Power: 2.1 and 2.5mm (called "coaxial") DC Power
Connectors. I settled on 2.5mm, with the center positive. These connectors
are working T00 hard at 3A; 2) Molex connectors, many kinds, work well, die

easily; 3) Anderson Powerpole connectors... THE connector of choice for anything under 175A (Yes... 175A.)

RF: Your preference... most common QRP connector is BNC. Internal cable interconnects: SMA and SMB.

All-Weather multi-pin: For these you have to just pour through the Mouser and Digikey catalogs. Expect to pay some serious bucks, and only buy gold pins.

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 17 Jan 2004 18:26:50 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: <n2go@arrl.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [165610] Re: Fwd: R: Antenna Analyzer
Message-ID: <6.0.1.1.2.20040117182540.01fa08c0@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

From moments ago experience, 145 euros through paypal is \$185.

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 17 Jan 2004 23:31:56 +0000
From: M Taylor <mctylr@privacy.nb.ca>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [165611] Re: Fwd: R: Antenna Analyzer
Message-ID: <20040117233156.A13126@pull.privacy.nb.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sat, Jan 17, 2004 at 05:32:25PM -0500, n2go@arrl.net wrote:
> Hi,

> Is the Euro on par with the Dollar yet or did it pass it?

<http://www.xe.com/>

For all your currency exchange queries (and I believe they provide various exchange service as well). I don't use eBay without it.

PS. 1 Euro is 1.24930 USD.

-ve3tix (ex. ve1mct)

Date: Sat, 17 Jan 2004 17:37:33 -0600
From: John Oppenheimer <john@KN5L.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [165612] Re: [qrp-1] ARRL rig reviews QSK test...
Message-ID: <4009C73D.C3EE2E2D@KN5L.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It has been my assumption that the oscilloscope sweep rate is selected first to resolve and measure the slope of the leading and falling edge of the CW key waveform. Then a CW speed is selected which will show a few key transitions within the display.

Assume that the rising and falling edge shapes will remain essentially constant for varying CW speeds.

A slower sweep rate for a lower CW speed will indicate vertical, or almost vertical leading and falling edge waveforms.

John

Date: Sat, 17 Jan 2004 18:42:26 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [165613] RE: [qrp-1] ARRL rig reviews QSK test...
Message-ID: <000301c3dd53\$913fafc0\$ac24ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy, Karl and group.

The image under discussion (QST February, 2004, page 79, figure 7) shows a single-sweep of a dual-channel scope, having a common time-base. If you're suggesting that false 'scope triggering caused the apparent timing relationship depicted, I respectfully disagree.

In Bill's world, the following is happening in figure 7:

At T0, first-dit key-down (upper trace) occurs at the extreme-left-hand side of the blue shaded area (the 'scope' screen). This is the start of the single-sweep.

At T1(~ 20 mS after T0), first-dit key-up occurs.

At T2(~ 22 mS after T0), first-dit RF envelope begins(lower trace).

At T3(~ 40 mS after T0), second-dit key-down occurs.

At T4(~ 42 mS after T0), first-dit RF envelope concludes.

At T5(~ 56 mS after T0), second-dit RF envelope begins.

At T6(~ 61 mS after T0), second-dit key-up occurs.

At T7(~ 72 mS after T0), second-dit RF envelope concludes.

At T8(~ 80 mS after T0), single-sweep ends.

For the first-dit, the RF envelope lags its 'key-down' by about 20 mS, or a phase-shift of ~ 180 degrees.

For the second-dit, the RF envelope lags its 'key-down' by about 16 mS, or a phase-shift of ~ 140 degrees.

If I were able to do 60 WPM(I am not), this timing relationship might be somewhat confusing...especially if listening to my own sending through the use of a properly adjusted separate local receiver as opposed to listening to my own sending via a contrived 'sidetone'.

Whew! There's a lot to this thing we call CW!

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sat, 17 Jan 2004 16:46:43 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <n2go@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [165614] Re: Fwd: R: Antenna Analyzer
Message-ID: <000b01c3dd54\$2954a3b0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The Euro has been very strong against the \$US. Last time I checked, it was about \$1.24(US) to 1 Euro.

Regards, Thomas - AC7A (Tucson)

----- Original Message -----

From: <n2go@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, January 17, 2004 3:32 PM

Subject: Re: Fwd: R: Antenna Analyzer

> Hi,
> Is the Euro on par with the Dollar yet or did it pass it?
>
> 73,
>
> Jim n2go
>
> On Sat, 17 Jan 2004, Ed Tanton wrote:
>

End of QRP-L Digest 3168

